Kaung Htet Kyaw

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SUMMARY

Senior Fullstack Developer with over five years of experience in designing, developing, and maintaining scalable web applications, content management systems (CMS), and customer relationship management (CRM) solutions.Highly skilled in modern technologies including Node.js, React, Go, and AWS, with a solid foundation in databases such as MongoDB, PostgreSQL, and GraphQL.

I specialize in building efficient and secure APIs, developing engaging and responsive frontend features, and optimizing application performance for seamless user experiences. My expertise extends across the full software development lifecycle, from initial design and architecture to deployment and continuous integration. I have a proven track record of collaborating with cross-functional teams, ensuring that technical requirements align with business objectives, and delivering solutions that meet both user and client needs.

Known for my strong problem-solving abilities, attention to detail, and ability to communicate complex technical concepts in clear, understandable terms, I thrive in dynamic, fast-paced environments. I am passionate about working in innovative teams to create high-impact products that solve real-world challenges and contribute to business success. As a Senior Fullstack Developer, I'm excited to continue applying my technical expertise while helping teams build cutting-edge solutions and drive growth.

EXPERIENCE

Senior Software Enigneer
VisibleOne   **May 2022 – Present, Malaysia**

- Revamped existing websites by creating a custom Content Management System (CMS), incorporating a visual editor, drag-and-drop functionality, regional publication options, and detailed content controls. The system, built with React, Next.js, and GraphQL, improved content management efficiency, reducing publishing time by 40% for internal teams.
- Developed an ERP system for HR and management teams, providing a seamless interface to visualize employee performance, improving decision-making processes and increasing overall HR operational efficiency by 80%.
- Integrated an omnichannel CRM system to centralize client communications across platforms like WhatsApp and RocketChat, enhancing team collaboration and reducing response times by 25%.
- Led the development of a real-time omnichannel chat system within the CRM, streamlining client communication and consolidating messages from multiple channels into a single interface, resulting in a 50% increase in client engagement.
- Reduced costs by 100% by completely replacing Staffcop with a custom-built Employee Monitoring System using Node.js, Express, Redis, BullMQ, MinIO, and WebSocket, enabling real-time tracking of activity, downtime, screenshots, and logs. Integrated it into the HR and Project Management System, streamlining reporting and compliance.
- Enhanced productivity for the WordPress development team by building a registry and CLI with Node.js, React, and Next.js, enabling the reusability of WordPress components across multiple client projects, reducing development time per project by 25%.

Fullstack Developer
Appvantage   **November 2021 – February 2022, Yangon Myanmar**

- Played a key role in developing and maintaining the Auto Retail Center (ARC), a cutting-edge digital platform that transformed the automotive retail experience, supporting over 1,000+ users and improving operational efficiency.
- Streamlined online vehicle leasing and purchasing journeys by creating intuitive Customer Portals and Admin Dashboards with React, Next.js, and GraphQL, enhancing user experience and reducing transaction time.
- Delivered customized product enhancements for Porsche Middle East, aligning features with market-specific requirements and brand standards, resulting in increase of customer satisfaction.
- Integrated MyInfo APIs for secure personal data management, ensuring compliance with privacy regulations and facilitating seamless, secure transactions, improving user trust and reducing transaction errors.
- Built banking and financial integrations with institutions like DBS and HLF, streamlining the financing process and reducing approval time by 40%, enhancing partnerships and accelerating transaction cycles.
- Led development teams in implementing scalable solutions, fostering cross-functional collaboration, and delivering impactful results, contributing to the growth of the automotive sector in digital engagement and online sales.

Web Developer
Freealnce   **January 2019 – May 2021, Mandalay, Myanmar**

- Designed and developed custom landing pages for multiple clients, ensuring high performance, responsiveness, and cross-browser compatibility.
- Utilized **HTML**, **CSS**, and **JavaScript** to create engaging and user-friendly interfaces tailored to client requirements.
- Built dynamic, interactive components using **React**, enhancing user experience and driving conversions.
- Implemented backend functionality with **Node.js**, integrating APIs and managing server-side operations for seamless user interactions.
- Collaborated closely with clients to understand their branding and business goals, delivering projects on time and within budget.
- Optimized websites for SEO and performance, achieving faster load times and improved search engine rankings.
- Maintained code quality by adhering to best practices, including modular design, version control, and thorough testing.

EDUCATION

Bachelor of Science in Computer Engineering and Information Technology

Minor in Mathematics, Networking, Mechanics, Digital Engineering · Mandalay Technology University · Mandalay, Myanmar · 2020

PROJECTS

VORP

VisibleOne · vorp.visibleone.com/ · May 2022 – Present
- Developed **VORP**, a resource planning system for VisibleOne and Spacio, empowering HR and management to visualize employee performance and streamline operations.
- Integrated an omnichannel CRM within VORP to centralize communications across platforms like WhatsApp and RocketChat, enhancing team and client collaboration.
- Led the creation of a real-time, omnichannel chat system in the CRM, unifying multiple communication channels into a single, cohesive interface.
- Reduced costs and improved efficiency by replacing Staffcop with a real-time Employee Monitoring System for activity tracking, downtime analysis, and reporting, leveraging Node.js, Express, Redis, BullMQ, MinIO, and WebSocket.

Tanner De Witt

Tanner De Witt · www.tannerdewitt.com/ · May 2024 – October 2024
- Developed a responsive and user-friendly website for **Tanner De Witt**, a leading independent law firm in Hong Kong, using **JavaScript**, **React and Next.js**.
- Built dynamic components to streamline content management and ensure easy updates by non-technical users.
- Optimized the website for performance and SEO to enhance visibility and user engagement.
- Delivered a modern digital presence that effectively showcases the firm's services and expertise.

VisibleOneCMS

VisibleOne · cms.visibleone.com · May 2023 – February 2024
- **Led the design and development** of the **VisibleOne** website and a custom **Content Management System (CMS)**, enhancing content management capabilities for visibleone.com for users.
- Utilized a modern tech stack, including **React**, **Next.js**, **GraphQL**, and **Python**, to create a robust, scalable CMS with a **visual editor**, **drag-and-drop** features, **regional publication options**, and **granular content controls**.
- Delivered a user-friendly interface that empowered non-technical users to easily manage, update, and publish content with minimal effort.
- Optimized the system for seamless localization, ensuring efficient content deployment across multiple regions while maintaining a cohesive user experience.
- Streamlined content workflows, improving productivity and reducing the time required for site updates and management.

Auto Retail Center

Appvantage · www.appvantage.co/products/arc · November 2021 – February 2023
- Developed and maintained the **Auto Retail Center (ARC)**, a comprehensive platform that simplifies the online vehicle leasing and purchasing process.
- Implemented intuitive **customer portals** and **admin dashboards** to enhance user experience and streamline management workflows.
- Contributed to the integration of **omnichannel CRM** features, centralizing communications across various platforms and improving client interactions.
- Enabled secure, efficient **data management** for customers, enhancing the online transaction process.
- Played a key role in building and optimizing the platform for scalability and operational efficiency, supporting the growth of the automotive retail business.

Pathfinding Visualizer

Personal · kaung-htetkyaw.github.io/pathfinding-visualizer/ · May 2021 – December 2021

· Developed an interactive platform to demonstrate popular pathfinding algorithms like Dijkstra's Algorithm, *A (A-Star)**, and Breadth-First Search (BFS).
· Built the frontend using React and styled components with CSS for an intuitive and engaging user experience.
· Implemented algorithm logic with JavaScript, allowing users to dynamically visualize how different algorithms explore paths and find optimal routes.
· Enabled users to create custom grid layouts, place obstacles, and adjust start and end points to simulate real-world scenarios.
· Integrated dynamic animations for better comprehension of algorithmic steps and processes.
· Optimized the application for performance to handle large grid sizes without lag.
· Deployed the application using GitHub Pages to ensure accessibility for users and developers.

Isomorphic Application Boilerplate

Personal · github.com/Kaung-HtetKyaw/iso-kit · November 2022 – Present

· Designed as a robust starter library to facilitate quick development of projects involving country and currency code validation and formatting.
· Implemented features for validating **ISO 3166** country codes (alpha-2, alpha-3, and numeric) and **ISO 4217** currency codes, ensuring compliance with international standards.
· Focused on performance and modularity to enable seamless integration into diverse applications.
· Built with **Node.js** and packaged for distribution via **npm**, providing developers with an easy-to-use solution for projects requiring ISO-compliant data handling.
· Wrote extensive unit tests using **Jest**, ensuring reliability and maintainability of the library.
· Published detailed documentation and usage examples to encourage adoption and collaboration within the developer community.
· Open to feedback and contributions, promoting a collaborative environment for enhancing the library's capabilities.

Wordpress Tailwind CLI

Personal · github.com/Kaung-HtetKyaw/wp-tw-sections · May 2024 – Present

· Developed a command-line interface (CLI) tool to help WordPress developers efficiently reuse pre-built **Advanced Custom Fields (ACF)** blocks across multiple projects.
· Enabled deep dependency nesting for **JavaScript**, **CSS**, and **PHP** files, simplifying the management and integration of complex block structures.
· Provided flexible CLI support with multiple options for customization, allowing developers to tailor the tool to specific project needs.
· Implemented dynamic configuration files to enable seamless configuration changes without modifying core code.
· Focused on reducing development time by automating the process of integrating ACF blocks into new projects.
· Encouraged collaboration by making the tool open-source, allowing other developers to contribute and improve the library.
· Wrote detailed documentation for easy setup, configuration, and usage, making it accessible for developers at all levels.

CERTIFICATIONS

CS50: Introduction to Computer Science | Harvard University

Havard University · 2021

· Applied sorting, searching, and data manipulation techniques to build optimized APIs and real-time systems.
· Enhanced debugging skills and understanding of memory management, contributing to efficient resource utilization in complex systems.
· Designed modular solutions, mirroring real-world applications like scalable APIs and microservices.
· Gained expertise in SQL and relational database design, applied to schema optimization in PostgreSQL, MySQL, and NoSQL systems.
· Developed web applications and integrated backend functionality, complementing experience with React, Next.js, and GraphQL.
· Practiced writing clean, testable code, aligning with professional experience using Jest, Cypress, and TDD methodologies.
· Explored foundational cryptographic principles, enhancing understanding of secure system design for Web3 and other applications.
· Tackled real-world inspired challenges, refining strategic thinking for resource-constrained environments like Kubernetes deployments.

SKILLS

CSS, Javascript, Typescript, Golang, Gin, Node.js, NestJS, Express.js, React, Nextjs, ReactNative, Ionic, AngulaJS, Vue, Vite, Ether.js, Webpack, Redux, Zustand, Jest, Cypress, Storybook, TDD, MySQL, PostgreSQL, NoSQL, GraphQL, Mongodb, Apollo, AWS, Redis, BullMQ, RabbitMQ, Docker, Kubernetes, CI/CD, Devops, Web3, Microservices