Eric Chan

FULL STACK DEVELOPER

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SUMMARY

Detail-oriented Full-Stack Developer with expertise in designing, developing, and deploying scalable applications. Strong experience in multiple technologies including JavaScript frameworks, backend systems, and database architecture, with a focus on performance, security, and user experience.
Software development isn't just a job for me but a passion, a hobby, and a life-long pursuit.

EDUCATION

Bachelor Degree of Computer Science,   08/2014 – 05/2018 | Singapore
National University of Singapore(NUS)

PROFESSIONAL EXPERIENCE

Scopic, *Software Engineer*   02/2024 – 12/2024 | Singapore
- Developed and maintained enterprise-grade web applications using ASP.NET and Node.js, focusing on scalable architectures and clean, maintainable code.
- Designed and implemented RESTful APIs and backend services with Python and Java to handle large datasets efficiently.
- Optimized database queries and system performance, ensuring fast response times and reliable data processing.
- Integrated multiple databases and third-party services, including payment gateways and external APIs, to extend application functionality.
- Collaborated closely with frontend developers, designers, and project managers to deliver complete full-stack solutions.
- Implemented security best practices such as JWT authentication and role-based access control to safeguard system resources.

hiddentalent, *Frontend Developer*   10/2022 – 06/2023 | Singapore
- Built responsive and SEO-optimized web applications using Next.js, leveraging server-side rendering and static site generation for improved performance and discoverability.
- Implemented real-time features with WebSockets and integrated third-party APIs to enhance user interactions and functionality.
- Designed reusable component libraries with TypeScript and Tailwind CSS, streamlining development across multiple projects.
- Optimized frontend performance, accessibility, and overall user experience.
- Collaborated with backend teams and designers to deliver cohesive, high-quality full-stack solutions.
- Maintained clean, maintainable code while adhering to best practices for modern web development.

Orfeostory Pte Ltd, *FullStack Developer*   09/2020 – 05/2021 | Singapore
- Developed and customized WordPress websites with integrated CRM systems to streamline customer data management and automate workflows.
- Built scalable full-stack applications using React for frontends and Laravel/PHP for backends, implementing RESTful APIs for efficient data handling.
- Automated data processing pipelines with Python, leveraging MySQL and PostgreSQL databases to support high-performance operations.
- Enhanced application performance, optimized queries, and ensured system reliability and security.
- Integrated third-party services and APIs to extend functionality and improve user experience.
- Collaborated with cross-functional teams to deliver end-to-end full-stack solutions from concept to deployment.

Rhino Partners, *FullStack Developer*   09/2018 – 07/2019 | Singapore
- Built scalable React frontends featuring interactive dashboards and dynamic data visualizations using Chart.js and D3.js.
- Developed robust Laravel/PHP backends with RESTful APIs to efficiently serve large datasets.
- Automated data pipelines using Python, integrating MySQL and PostgreSQL databases for seamless data processing.
- Enhanced system security and implemented access control using JWT authentication and role-based permissions.
- Optimized application performance, improved reliability, and ensured smooth end-to-end functionality.
- Collaborated with cross-functional teams to deliver full-stack solutions that meet business and technical requirements.

SKILLS

JavaScript | TypeScript | React.js | Next.js | Vue.js | Angular.js | Node.js | WebSockets | Express.js | CRM integration | RESTful architectures | Nest.js | React Native | SEO optimization | PHP | Laravel | Python | Django | MySQL | ASP.NET Core | API design | Tailwind CSS | Figma | Firebase | PostgreSQL | Mongodb | AWS | Vercel | Docker | GitHub