Kevin Astilla

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Summary

Full Stack Developer with a strong focus on creating seamless, user-friendly applications by combining clean, efficient backend logic with intuitive, accessible frontend designs. Skilled in translating user needs into impactful digital solutions, ensuring both functionality and exceptional usability across platforms.

Experience

Full Stack Developer
Forged Operations | Toronto, Ontario | May 2023 – August 2024
- **Architected and implemented** a CMS web application for managing permits using **Express.js**, **MongoDB**, **Azure**, **Vue.js**, and **Nuxt**, delivering a production-ready solution pending funding approval.
- Enhanced and maintained a security clearance application, reducing approval processing time by 50% using **MongoDB**, **TypeScript**, **Node.js**, and **Vue.js**.
- **Created and standardized** a feature prioritization framework, increasing delivery consistency by 30% through alignment of engineering efforts with business objectives.
- **Collaborated closely with designers and product managers** to translate design specifications into interactive, pixel-perfect features, authoring and maintaining detailed Product Requirement Documents (PRDs) to streamline development timelines and minimize miscommunication while implementing responsive and user-friendly designs.
- **Facilitated and led** knowledge-sharing workshops, fostering innovation and teamwork that resulted in the early delivery of two high-impact features.

Full Stack Developer
MobileXCo | Whitby, Ontario | June 2018 – June 2023
- **Designed and delivered** an analytics dashboard using **Laravel**, **Vue.js**, **MySQL**, and **Chart.js**, driving data-driven decision-making and increasing user participation by 53%.
- **Optimized database performance** by refining SQL schemas, achieving a 40% improvement in query efficiency.
- **Maintained and improved** a CRM platform for brand promotions, reducing bugs by 18% and enhancing overall user experience through seamless backend/frontend integration.
- **Managed and scaled** microservices architecture to ensure fault tolerance and reliability within distributed systems.
- **Troubleshot and resolved** critical production issues within 2 hours during peak traffic, maintaining uninterrupted service for 10,000+ users.

Education and Certification

MITx | Verified Certificate, Introduction to Computational Thinking and Data Science
Online | October 2021

Durham College | Advanced Diploma, Computer Programmer Analyst | 4.7/5.0 GPA, Honors
Oshawa, Ontario | April 2020

Ontario Tech University | Bachelor of Information Technology, Game Development and Entrepreneurship
Oshawa, Ontario | June 2013

Technical Skills

Programming Languages: JavaScript (ES6+), TypeScript, Python, SQL
Frontend Development: React.js, Redux, Vue.js, HTML5, CSS3, TailwindCSS, Bootstrap
Backend Development: Node.js, Express.js, Django, GraphQL, REST APIs
Databases: MongoDB, PostgreSQL, MySQL, Firebase
Other: Docker, AWS (EC2, S3, Lambda), GitHub Actions, CI/CD, Git, GitHub, JWT Authentication