Mark Clemmer

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Summary

Co-Founder of Crew Works, a startup creating a SaaS platform for project management, serving as full stack developer and cloud architect. Dependable SPU graduate with scalable project management skills, a keen eye for detail, and experience writing well designed software according to industry standards. Experienced in all stages of mobile and web app development, with strong collaboration skills. Committed to delivering scalable, efficient, and innovative solutions.

Education

Bachelor of Science in Computer Science, Minors in Computer Engineering & Data Analytics **June 2024**
Seattle Pacific University, Seattle, WA | GPA: 3.82/4.0, Magna Cum Laude, Dean's List

Associate of Arts **June 2021**
Green River College, Auburn, WA | GPA: 3.88/4.0, High Honors

Skills & Certifications

Programming Languages: C++, JavaScript, TypeScript, HTML/CSS, Java, Python, SQL, R, x86 Assembly.
Frameworks & Technologies: Node.js, React/React Native, Next.js, AWS, Linux, Git, GitHub, WordPress.
Technical skills: Database Management, UI/UX Design, Data Structures & Algorithms, Systems Design, Agile Scrum.
Certifications: AWS Certified Developer – Associate (DVA-C02), Microsoft Excel

Experience

Software Engineer – *Remote* **October 2024-Present**
Crew Works
- Integrated a video call feature connecting clients and construction companies using GetStream API. Delivered instant and scheduled meetings with real-time notifications after extensive development and troubleshooting.
- Evaluated cloud platforms for reliable, cost-effective CI/CD hosting. Selected Vercel for development and will transition to AWS Amplify for production, reducing current hosting costs by over $50 per month.
- Ensured smooth, incremental releases by debugging and resolving errors in Next.js, AWS services, and Vercel environments, maintaining compatibility and reliability with cloud deployments.
- Leveraged tRPC for efficient AWS Postgres database access while consistently applying best security practices.
- Shaped product vision by defining feature requirements, designing Figma interfaces, and planning sprints.

Web Developer – *Remote* **March 2025-June 2025**
Mysterious Innovations
- Craft UI/UX-friendly WordPress websites with Salient and Nectarblocks themes, customizing layouts with HTML, CSS, and JavaScript to boost user engagement and increase session duration.
- Improved SEO for multiple client websites by optimizing site structure and metadata, resulting in increased search engine visibility and web traffic.
- Estimated time and cost for web development projects to align client expectations with scope and budget.

Electronics Team Lead – *Seattle, WA* **September 2021-April 2024**
Baja Falcon Racing
- Successfully led a team of four engineering students and delivered an operationally effective Python car display with live data on speed, available fuel, and current gear, which was used in the Baja SAE competition.
- Engineered a Raspberry Pi 4 data collection system, enabling precise CVT tuning to improve car's performance.
- Developed a reverse camera system to solve firewall-blocked rear view, enhancing driver safety in competition.

Full Stack Developer – *Seattle, WA* **October 2023-June 2024**
Chef's Compass (Capstone Project)
- Developed an intuitive mobile recipe app for meal planning with React Native, JavaScript, and Expo, collaborating in an agile scrum team of five.
- Delivered an MVP via Expo for a school demo, with 80% of users interested in the official release.
- Built and integrated RESTful APIs connecting front end to AWS RDS (MySQL) via Node.js and API Gateway.