

MARK WILSON

FULL-STACK DEVELOPER

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SUMMARY

Full-stack software engineer with 5+ years of experience building and delivering complex, production-ready applications, including mining technology deployed across operational mine sites. Experienced across product development, 3D/geospatial systems, cloud infrastructure and DevOps, with a strong ability to translate real-world requirements into reliable, scalable solutions.

TECHNICAL SKILLS

Typescript	C#	AWS	Git
React	MongoDB	CI/CD	Figma
Node.js	SQL	Docker	Illustrator

PROFESSIONAL EXPERIENCE

IT Educator / Trainer, EQC Institute **December 2025 - Present**

- Teach full-stack development, frontend, databases, APIs, AI and blockchain within the Diploma of Information Technology.
- Deliver practical training across application design, development, testing and deployment.
- Mentor students through software projects, providing guidance in debugging, code review and problem-solving.

Lead Developer / Commercial, Roctensor **June 2024 - Present**

- Built and delivered a production 3D technical assurance platform deployed across multiple Australian mine sites.
- Engineered the full-stack and geospatial solution using React, TypeScript, Node.js, MongoDB and 3D technologies.
- Owned end-to-end product delivery, from mining requirements through AWS infrastructure, CI/CD and production support.

Developer, Carbon **April 2021 - January 2023**

- Collaborated closely with the lead developer and cross-functional team to build a sophisticated gaming platform and multiple interconnected games.
- Participated in team meetings, code reviews, and sprint planning to ensure timelines were met.
- Optimized high-volume transaction system, achieving 90% reduction in balance loading times.

EDUCATION

- Diploma of Information Technology (ICT50220)**
- Full-Stack Web Development Bootcamp**
- University of Western Australia
- Diploma of Building Design (CPP50911)**

REFERENCES

- Salam Ziusudras, Roctensor**
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- Jackie Hitchens, Executive Assistant**
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