

Manoj Adhikari

MERN Full Stack Developer

📍 Sydney, NSW, Australia

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PROFESSIONAL SUMMARY

Full-stack developer with a Bachelor's in Computer and Information Systems Security, bringing a strong foundation in software engineering and modern web development. Proficient in HTML, CSS, JavaScript, C++, and experienced with React, Node.js, MongoDB, MySQL, plus hands-on skills in AWS, Docker, REST APIs, Git, and CI/CD pipelines. I specialise in building scalable, secure, and user-centric web applications from the ground up.

Known for strong problem-solving, collaboration, and communication skills, I thrive in Agile environments and enjoy turning business requirements into technical solutions. My goal is to contribute as a full-stack developer, delivering high-quality features that support team success and drive innovation.

WORK EXPERIENCE

Full-Stack Developer Intern

REBB TECH Pty Ltd, Sydney

Jun 2025 – Aug 2025

- Architected and shipped responsive front-ends using React.js, Redux, and Tailwind CSS, boosting accessibility scores and reducing bounce rate by 25%.
- Engineered secure APIs with Node.js, Express, and MongoDB, cutting average response latency by ~30% while improving maintainability through modular design.
- Co-developed "My Progress App", enhancing student engagement by integrating personalised career tools; user activity increased by 40%.
- Partnered with cross-disciplinary teams (Design, QA, DevOps) to release new features, resolve defects, and uphold scalability and security standards.
- Automated CI/CD pipelines with GitHub Actions; achieved 95% unit/integration test coverage with Jest, accelerating release cycles by 2x.
- Strengthened security by implementing JWT-based authentication and RBAC, ensuring compliant and efficient access management.

Tech Stack:

React, Tailwind, Chart.js, Node.js, Express, MongoDB, JWT, GitHub Actions, ClickUp, Figma, Agile

Information Technology Support Specialist

Evolution Hospitality Institute, Sydney

Jun 2024 – Dec 2024

- Delivered Tier 1/2 support across Windows and macOS, resolving hardware, networking, printing, and application issues with 96% SLA compliance; reduced MTTR by 30% and raised first-contact resolution by 18 points
- Administered Microsoft 365 & Active Directory user lifecycle (joiners/movers/leavers), licensing, and access controls; cut provisioning time by 39% (≈90→55 mins) and reduced access-error tickets by 43% via RBAC and audit-ready processes
- Standardised device imaging/onboarding, reducing setup time by 35% (≈120→78 mins) and improving time-to-productivity by 0.5 day per hire; maintained >98% asset inventory accuracy with clear SOPs
- Authored knowledge base content and trained staff/students on Moodle & Microsoft 365; repeat incidents dropped 41% and ticket deflection increased 22%
- Partnered with dev teams on web/UI fixes and a React/Node/Mongo learning portal; improved Lighthouse accessibility by +22 points (≈68→90), reduced bounce rate 19%, and cut manual admin steps by 30%

Tech Stack:

Microsoft Azure, Microsoft 365, Active Directory, Windows/macOS, IT Documentation, Desktop/Network Support, Office 365 Admin, Moodle, Ticketing Systems, Excel

KEY PROJECTS

B@M TechStore — Full-Stack eCommerce Platform

[Live](#) | [GitHub](#)

Built a mobile-first eCommerce app using React, Node.js, Express, and MongoDB, deployed on AWS. Implemented JWT authentication, Stripe checkout, and secure role-based access. Designed responsive UI with React + Tailwind, ensuring fast performance and accessibility.

Admin CMS — eCommerce Management Dashboard

[Live](#) | [GitHub](#)

Developed an admin dashboard for product, order, category, review, and user management. Integrated RBAC (Role-Based Access Control), JWT authentication, and AWS deployment. Added analytics with real-time metrics (orders, revenue, inventory).

TECHNICAL SKILLS

Programming Languages

HTML, CSS, JavaScript (ES6+), Python, R, C++

Front-End Development

React.js, Tailwind CSS, SASS, Chart.js, Responsive & Accessible UI Design

Back-End Development

Node.js, Express.js, RESTful APIs, Authentication (JWT, RBAC), MVC Architecture

Databases

MongoDB, MySQL; Experienced with both relational and non-relational DBs

DevOps & Cloud

AWS (Elastic Beanstalk, S3), Docker, CI/CD pipelines (GitHub Actions)

Version Control & Tools

Git, GitHub, VS Code, Figma, Adobe Photoshop, Agile Methodologies, ClickUp, Trello

EDUCATION & TRAINING

Bachelor of Computer & Information Systems Security (Information Assurance)

Australian Institute of Higher Education — Feb 2019 to Oct 2022

Diploma of Information Technology

Kingsford International Institute — Feb 2018 to Feb 2019

Full-Stack Development Coding Bootcamp

Dented Code Academy, Sydney

Gained expertise in end-to-end development of web applications using the MERN stack (MongoDB, Express, React, Node.js) and related technologies.

SOFT SKILLS

Teamwork

Collaborated with cross-functional teams to deliver software projects on time and to spec

Critical Thinking

Strong problem-solving ability; design and implement effective technical solutions

Communication

Clearly convey complex technical information to stakeholders at all levels

Continuous Learning

Proactive in adopting new tools, frameworks, and industry practices

REFERENCES

Available upon request.