

Chandrasekaraa Ramadoss Ganesh

FULL STACK SOFTWARE DEVELOPER

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SUMMARY

I'm a Recent IT graduate from QUT with a Master's in Software Development, eager to apply my skills and grow in the field of full-stack development. Developed foundational skills in JavaScript (MERN) and Python (Django) through academic projects. Experienced with AWS and Docker, ready to contribute effectively to development teams. Known for quick learning and adaptability, with a strong ability to solve problems, grasp new concepts and work collaboratively.

SKILLS

FRAMEWORKS

- React, Next.js
- Django, FastAPI
- Node.js, Express.js
- React Native
- Tailwind CSS, Sass

LANGUAGES

- JavaScript, TypeScript
- Python, Bash
- C, C++, C#
- SQL & NoSQL
- HTML & CSS3

TOOLS

- AWS (EC2 Auto Scaling)
- Docker
- Git, Vercel, Heroku
- eBPF
- Postman

WORK EXPERIENCE

Software Research Intern - Trusted Networks Lab

Queensland University of Technology, Brisbane

Nov. 2023 - Jun. 2024

- Developed and customized eBPF programs for peer-led research projects, improving system monitoring tools.
- Designed and implemented CLI-based tools to intercept system calls, enhancing network security capabilities.
- Gained hands-on experience with Linux commands and kernel architecture, contributing to system-level performance optimization.

Lead Developer (Industry IT Project) - Orefox

Queensland University of Technology, Brisbane

Mar. 2024 - Jun. 2024

- Led a team of 4 developers to deliver a real time bushfire monitoring system using Django and PostgreSQL, based on client requirements, within 1 month.
- Quickly learned new technologies and built a real-time dashboard for fire activity tracking and alerts, integrating with mapping tools.
- Delivered the project on time, receiving full marks for the unit (7/7) due to successful implementation and meeting client expectations.

PROJECTS

- [Wikivid](#) - Created a platform that converts Wikipedia articles into video summaries using NLP techniques. Implemented with Python for data processing and React for the frontend, designed to make information consumption easier and faster.
- [Being Foodie](#) - Developed an app for culinary exploration, helping users discover local cuisine. Built using React, with a focus on user-friendly design and real-time data retrieval for a seamless experience.
- [Clubseeker](#) - Developed a full-stack platform for managing club memberships and announcements. Built with React, Node.js, and MongoDB, this project integrates Google SSO for user authentication and features real-time updates for club members.

EDUCATION

Master of Information Technology (Software Development)

QUT, Brisbane, Australia

Graduation: Aug 2024

Bachelor of Engineering (Computer Science)

Panimalar Engg College, India

Graduation: Aug 2020

HONORS & AWARDS

- Best Paper Award for my academic research project, "Guardify: An eBPF-Based Real-Time Defense Mechanism for Secure PyPi and NPM Package Installations."
- Recommended by a professor for a QUT student's startup (Clubseeker) to build their MVP 1.0 full-stack web app.

PROFILE LINKS

- [Sekaraa.com](#)
- [LinkedIn](#)
- [Github](#)

CERTIFICATION

- NDG Linux Essentials (Cisco Virtual Academy)
- Programming with Coursera (Coursera)

WORK ELIGIBILITY

- Available to start immediately.
- Full working rights in Australia (485 Visa).
- Willing to relocate for the right opportunity.

REFERENCES.

- Available upon request.