

Udit Malshe

Software Developer

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Professional Summary

A versatile software developer with 2+ years of professional experience, excelling in dynamic team environments. In my years of experience, I have developed an expertise in **full stack** and **API** systems. My keen ability to adapt to evolving challenges and my ever-growing curiosity to explore new technologies set me apart.

Key Skills

Programming Languages: Python, TypeScript, SQL, Java.

Web Development: Django, Spring Boot, Flask, Node.js, REST APIs.

Databases: MySQL, Postgres, DynamoDB.

CI/CD & DevOps: Git, Docker, Kubernetes, GitHub Actions, Linux.

Machine Learning : TensorFlow, NLP, Computer Vision, RAG.

Soft Skills: Agile Methodology, Leadership, Teamwork, MVC.

Experience

Full-stack Developer | Freelance | Apr 2024 - Present | Remote | Full-Time (Contract)

Tech Stack: AWS, Docker, Spring-boot, Django, React.js, SQL, jQuery, Git, Problem-solving.

- Develop and debug vast **backend codebases** as a team of 4, to tackle **complex logic & API** issues.
- Used **AWS** as primary **cloud infrastructure** while developing cutting-edge web apps.
- Worked with clients in various domains, converting their **business needs** into technical requirements, and produce **tailored solutions** to meet them.

Web Developer Intern | RISC RMIT | March 2024 - Aug 2024 | Melbourne, VIC | Internship

*Tech Stack: Flask, Next.js, MongoDB, Bootstrap, Tailwind CSS, Git, AWS Lambda, **Linux**.*

- **Led** the migration to server-side rendering (SSR) frameworks, reducing data latency by 35%.
- Reduced latency by 30% by **optimising** backend code; automated patch management using cron jobs.
- Collaborated with team members using **version control** systems like **Git** to manage changes efficiently.

Team Member | Coles Supermarkets | Sep 2022 - Present | Melbourne, VIC | Part-Time

- Communicated effectively with customers in understanding their needs and come up with solutions.
- Worked in 3+ departments across 5+ stores to boost productivity and meet **team** targets as per need.

Projects

PCAT (Team Lead) - Program & Course Data Alignment Tool

- Led a team of 6 to work on web course alignment **API** & systems.
- Built an automated **testing system** to ensure data consistency and boost **availability** from 50% to 95%.
- **Secured linux** servers by configuring firewalls, **reducing** unauthorised access attempts by 70%.

*Tech stack: Leadership, Communication, Management, CI, CD, Linux, Bash, **Python**, Pandas, API Security.*

SuperPrice - Price Matching & Delivery App

- Collaborated with a team of 5 to build a **real-time price comparison** API.
- Allows users to effortlessly compare item prices across various stores, helping them save money.
- Implemented JWT authentication to **enhance security** and ensure reliability through TDD practices.

Tech stack: Spring Boot, React.js, AWS Beanstalk, AWS EC2, Docker, JWT, MySQL, TDD, Agile, CI, Git.

Repository: [Superprice](#)

Auto Job Application Tracker

- Created a lightweight automation tool to keep track of jobs applied to.
- Used web scraping to get job data, summaries the data using GenAI and updates it on spreadsheets.
- Created a custom keyword extraction functionality to get the top keywords from the job description.

Tech stack: *Python, React.js, DynamoDB, EC2, Web Scraping, GenAI integration, Google APIs, Git, Pandas.*

Repository: [AJAT](#)

Achievements

2nd Prize in CodeQuest 2023

- Placed 2nd in a hackathon by building a bot to compete in a **battle game** against 120+ teams.

Tech Stack: *Python, CQ23, Docker, Problem-solving.*

Repository: [CodeQuest](#)

Education

Bachelor of Computer Science | Royal Melbourne Institute Of Technology, Melbourne

Major: Full-Stack & Machine Learning