

RANVEER DESHMUKH

SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

Full-stack developer with hands-on experience building and deploying web applications using React, Next.js, Node.js, and RESTful APIs, with solid skills in SQL and NoSQL databases. Experienced in collaborative team environments and familiar with cloud deployment on AWS, containerisation with Docker, and CI/CD workflows. Passionate about solving real-world problems through clean, efficient code and continuous learning in software development and cloud technologies.

PROFESSIONAL EXPERIENCE

Software Engineer Intern, Bridge Marketplace Dec 2024 — Mar 2025

New York, USA (Remote)

- Built a **purchase order scorecard dashboard** to analyse large Excel/CSV datasets and surface key financial metrics.
- Developed **Python-based data pipelines** using Pandas to clean, validate, and aggregate transactional data, improving data quality and readiness for downstream **AI-driven analysis**.
- Integrated **OCR-based document extraction workflows** to standardise data from variably formatted financial invoices, reducing manual data handling and processing errors.
- Supported development of an **AI-driven recommendation engine** by preparing structured financial datasets used to match businesses with suitable lending partners.
- Worked in a **remote Agile environment**, collaborating with cross-functional team members, owning feature delivery, and presenting progress during demos and sprint reviews.

Freelance Full-Stack Developer, Self Employed Mar 2025 — Present

Remote

- Building **end-to-end web applications** from requirements to **deployment**
- Developing **responsive UIs, backend APIs**, and **database-driven** features
- Managing deployment workflows and basic **CI/CD for production-ready delivery**
- Working directly with clients to iterate on features and solutions

Software Developer, RISC at RMIT University Apr 2024 — Dec 2024

Melbourne, Australia

- Contributed to **full-stack features** for **internal research** and innovation platforms
- Collaborated with stakeholders to translate requirements into working software components
- Assisted with **system integration** and feature enhancements across research tools
- Followed structured development practices including **Git-based version control**

PROJECTS

SHOME360

A scalable MR training platform combining Unity WebXR front-end environments with a modular Node.js/Express backend, local MongoDB infrastructure, file-upload pipelines, and CRUD APIs powering interactive lab simulations and user workflows.

Tech stack: React, Vite, MongoDB, RESTful API, PM2

Purchase Order Scorecard Dashboard

The Purchase Order Scorecard Dashboard is an end-to-end analytics tool designed to process and analyse large volumes of purchase orders and invoices from Excel and CSV files. I built Python-based data pipelines using Pandas to clean, validate, and aggregate transactional data, and integrated OCR-driven extraction workflows to standardise fields from variably formatted financial documents for downstream AI-based analysis.

Tech stack: Python, Dash, Pandas, ChatGPT, OCR Tools, Excel/CSV Processing

Climate Data Analyzer

A dynamic website enabling users to analyse effortlessly and filter through over 260 years of climate and population data of each region of Australia, making it an excellent tool for researchers to improve their efficiency.

Tech stack: Java, HTML & CSS, MySQL, SQLite

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, Python, Java, C++

Frontend: React, Next.js, HTML5, CSS3, Tailwind CSS, Responsive Design

Backend: Node.js, Express.js, RESTful APIs, Authentication & Authorization

Databases: SQL, PostgreSQL, MongoDB

Cloud & Deployment: AWS (EC2, S3), Docker, CI/CD (GitHub Actions)

Tools & Practices: Git, GitHub, Agile, Component-Based Architecture

EDUCATION

RMIT University

Feb 2023 — Dec 2025

Bachelor of Computer Science, Melbourne, Australia

Majored in Cyber Security

ACHIEVEMENTS

Participated in Indian International Team Trials for Pistol Shooting

Delhi, India

National Level Pistol Shooting

Thiruvananthapuram, India