

# Dhruvil Rathod

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## EDUCATION

**University of South Australia** Adelaide, SA  
*Master of Information Technology (Cyber Security) | GPA: 6.7/7.00* Feb 2024 — Dec 2025

**Gujarat Technological University** Ahmedabad, India  
*Bachelor of Engineering (Computer Engineering) | GPA: 6.9/7.00* Jul 2019 — May 2023

## WORK EXPERIENCE

**Conveyancing Assistant** Apr 2024 — Present (Part-time)  
Acquire Conveyancing Adelaide, SA

- Handling time-critical tasks involving Form 1, government reporting, client queries and client-files with PEXA and CATS.

**Jr. Software Engineer** Jun 2023 — Mar 2024  
Asite Solution Ahmedabad, India - Hybrid

- Developed and enhanced 30+ UI components with agile manner, for large-scale product serving 62K+ businesses globally.
- Designed a robust Angular reactive form for retention policy, and implemented a customizable tree-based dropdown, reducing dependency on the 'select2' library, with 96% code coverage through unit testing with Karma and Jasmine.

**UI Developer Intern** Feb 2023 — May 2023  
Asite Solution Ahmedabad, India - Hybrid

- Led an 11-members project of Learning Management System, by architecting the front-end of a LMS with PrimeNG.

**Software Engineering Intern** Jun 2022 — Jul 2022  
Asite Solution Ahmedabad, India - Hybrid

- Designed a web-based IFC (3D) viewer using Three.js, allowing real-time interactivity by querying internal IFC elements.

**Angular Developer Internship** Feb 2022 — Mar 2022  
WorkXmate Technologies Pvt. Ltd. Noida, India - Remote

- Conceived and built optimized and responsive Attendance Management's front-end Module, with 6+ Angular components.
- Optimized RESTful NodeJS-Express server's connection with Oracle DB by bug-fixing from 20+ pool instantiations to 1.

## FREELANCING

**Website + CMS, RAS Finance** ([rasfinance.com.au](https://rasfinance.com.au)) Adelaide, SA — 2024

- Designed a responsive website with a contact form, 15+ financial calculators, and a CMS for blogs management.
- Integrated the contact form with Google Sheets and Gmail to streamline client inquiries.

**Website and Digital Assets, Kiwi Finance** ([kiwifinance.com.au](https://kiwifinance.com.au)) Perth, WA — 2024

- Developed SEO friendly website in compliance with Astute Financial requirements, and tailored need of data collection.

**Website and Digital Assets, Acquire Conveyancing** ([acquireconveyancing.com.au](https://acquireconveyancing.com.au)) Adelaide, SA — 2023

- Designed an SEO-friendly website, logo, business card, and digital assets for Acquire Conveyancing in South Australia.

## PROJECTS

Customizable Dropdown (<https://github.com/dhruvilrathod/custom-dropdown>) 2024

- A tree-based dropdown to replace the 'select2' library. (Branch: resource-tree-utility). *Angular, SCSS.*

Angular+Nest.js Boilerplate (<https://github.com/dhruvilrathod/sample-angular-nest>) 2023

- Engineered a scalable boilerplate architecture with Angular and NestJS, reducing docker image size by 60%.

ThreeJS Web IFC Viewer ([https://github.com/dhruvilrathod/three\\_ifc\\_angular](https://github.com/dhruvilrathod/three_ifc_angular)) 2022

- Web-based IFC File Viewer, able to load IFC file upto 2GB and explore internal structure. *Angular, ExpressJS, ThreeJS.*

## AREA OF EXPERTISE

- Programming Languages:** TypeScript, JavaScript, HTML/CSS, Java, Python, C/C++, PHP, SQL
- Technologies:** Angular, NestJS, ExpressJS, Oracle, MongoDB, Bootstrap, Tailwind, Three.js, PrimeNG, Docker, Firebase