

HUZEFA SALEEM

Software Developer [GitHub](#) [LinkedIn](#)

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CAREER PROFILE:

- Master of Information Technology (Extension) student at the **University of Technology Sydney** with a strong focus on backend development and full-stack application design.
- Developed multiple real-world projects including **Fluxo (dental inventory management system)** and **ClockMate (attendance tracker)** using Spring Boot, React, and PostgreSQL.
- Skilled in designing clean backend architectures, RESTful APIs, and efficient database models with hands-on experience across **Java, C#, and JavaScript** ecosystems.
- Effective communicator with experience collaborating in academic and workplace environments to deliver reliable, user-centred software solutions.

EDUCATION:

2024 – 2026 | University Of Technology Sydney

Masters of Information Technology

2019–2023 | Lord's College of Engineering and Technology | Osmania University

Bachelor's of Engineering – Major Computer Science

WORK EXPERIENCE:

Rejolt Technologies

Developer Intern / Hyderabad, India

- Developed client-specific chatbots and apps using Joonbot, Google Sites, and Glide
- Collaborated on low-code automation projects to streamline user interactions.

WhiteHat Junior

Coding Teacher

- Taught coding to children aged 6–14 through a structured online curriculum. Delivered interactive lessons on programming fundamentals, guided students in building projects such as apps, games, and animations, and provided personalised feedback to support learning and confidence.

Pearl Dental Care

Reception , IT Operations & Receptionist / Sydney NSW /

- Began as Data Entry & IT Support, managing digital workflows, troubleshooting system issues, and optimizing day-to-day operations.
- Transitioned into Receptionist and Dental Assistant roles, handling scheduling, patient management, and front-desk coordination while assisting in clinical procedures.
- Improved operational efficiency by streamlining appointment workflows and implementing minor IT solutions across the practice.
- Demonstrated strong adaptability and analytical thinking, quickly learning clinical processes and balancing technical and patient-facing responsibilities.
- Strengthened key skills in problem-solving, process improvement, and cross-team communication directly transferable to software development and systems design.

PROJECTS:



RentMate | Car Rental Billing System

Springboot, React (JS) React Routers, Material UI Tailwind, Postgres

- Developing a web application that helps car rental companies create clear and accurate trip receipts. The system allows users to enter trip details, fetch vehicle-specific rates, calculate kilometres and hours, and generate complete receipts in a structured format. Includes features for managing vehicles, recording trips, storing receipts, and viewing summaries, with a simple and user-friendly interface for everyday operational use.



Fluxo | Inventory Management

Springboot, React (JS), Tailwind, Postgres

- Developed and implemented Fluxo, a custom inventory management system for a dental clinic, using Spring Boot, React, and PostgreSQL to automate stock tracking and reduce manual effort by 60%.
- Streamlined supply workflows and improved accuracy in managing consumables, saving the team hours of administrative work each week.



ClockMate | Time Tracking Web App

React, Tailwind CSS, Spring Boot, MySQL, H2

- Engineered a full-stack attendance system with PIN login, session tracking, and API integration
- Designed responsive UI with real-time filtering and dashboard summaries



Hospital Management Application

C#, .NET

- Built a console-based hospital management system for a Uni course following a clean architecture with Models, Repositories, Interfaces, and ViewModels. Implemented core modules for patient registration, doctor scheduling, and billing to simulate real-world hospital workflows while strengthening understanding of backend logic and structured design patterns.



Car Rental Website

React (TypeScript), JavaScript, Tailwind CSS, CSS

- Designed a dynamic frontend with live search, reservation validation, and filterable listings
- Implemented reusable UI components for mobile responsiveness.



Lung Data Visualisation

Java, Processing

- Built a real-time data visualisation representing lung patterns using O₂, CO₂, and hydrogen sensor data. Designed and implemented the entire backend pipeline
- This is specifically a project which inspired my interest in backend engineering.



Grocery Store Web App

React (TS), Tailwind, Supabase

- Developed e-commerce features including cart logic, stock validation, and secure checkout
- Integrated Supabase backend for authentication and data storage.

SKILLS:

Frontend: React (TS), JavaScript, HTML, CSS, Tailwind, Bootstrap

Backend: Java (Spring Boot) Node.js (Express.js)

Databases: SQL, Postgres, MongoDB

Tools: PostgreSQL, MongoDB, MySQL

Concepts: OOP, REST APIs, MVC, DSA