

MOHANAPRASATH S

Developer

+91 8778845223 | mohanapasath6623@gmail.com | mohanapasath-s6623

OBJECTIVE

Aspiring Backend Developer skilled in Java, Spring Boot, and PostgreSQL, with practical experience deploying production-ready applications on cloud environments.

SKILLS

DEVELOPMENT | Java • Spring Boot • Python • HTML • CSS • GitHub • Docker • Cloud

DATABASE | PostgreSQL • MySQL

SOFT SKILLS | Communication • Problem-solving • Adaptability • Team Collaboration

EXPERIENCE

eSilicon Labs | Qt Creator, QML, QT Designer

Software Developer – **Internship** | May 2024 – Jun 2024, Chennai

Embedded Access Control System GUI

- Developed UI components in QML for 15 core modules.
- Built responsive and user-friendly interfaces optimized for low-resource embedded systems.
- Integrated UI with backend logic using Python and Qt Creator.
- Enabled configuration of user profiles, network settings, and multi-factor authentication with dynamic UI interactions.
- Collaborated with engineers to ensure consistency between system functions and UI behaviour.

PROJECTS

Book Forum - Full-Stack Social Platform | Spring Boot, React, TypeScript, PostgreSQL

Personal Project | Oct 2025 – Nov 2025, Chennai

- Built a social platform for users to discover, review, and discuss books.
- Implemented JWT auth with refresh tokens and OAuth2 (Google/GitHub).
- Added email verification and password reset flows.
- Secured APIs with role-based access and rate limiting (Caffeine).
- Integrated a cloud-based image upload system with CDN delivery, and automatic URL generation.
- Deployed backend on Oracle Cloud VM and frontend on Vercel.

Car Resell value Prediction | Python, Flask, Pandas, Scikit-learn, HTML, CSS

UG Project | Feb 2023 – April 2023, Chennai

- Built a Flask web application to predict car resale prices based on multiple parameters.
- Used a pre-trained Linear Regression model for price predictions.
- Designed a simple interactive frontend for user input and prediction display.

EDUCATION

Master of Computer Application (MCA) | Guru Nanak College - 8.4GPA

Chennai, India | 2023 – 2025

B.Sc., Computer Science | Hindustan College of Arts & Science - 7.8GPA

Chennai, India | 2020 – 2023

COURSEWORK

- Java (Besant Technologies)
- Spring Boot (Udemy – Self-paced course)
- Python (Cisco)