MUGILAN C

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Summary

Aspiring Full Stack Developer with strong foundation in web technologies and backend systems. Experienced in building scalable web applications using React.js, Node.js, Django, and MySQL. Seeking to contribute to real-world development teams by leveraging problem-solving and collaboration skills.

Education

B.E. in Computer Science and Engineering, CMR Institute of Technology, Bengaluru
CGPA: 7.99 | 2021 - 2025

PUC (Science), CMR National PU College, Bengaluru
Percentage: 80.66% | 2021

SSLC, Poornaprajna Education Center, Bengaluru
Percentage: 82.08% | 2019

Skills

Languages: Java (Intermediate), Python (Intermediate)
Frontend: HTML, CSS, JavaScript, React.js, Next.js
Backend: Node.js, Django, Express.js
Databases: MySQL, MongoDB
DevOps & Tools: Git, GitHub, Postman, Docker (basic), VS Code, REST APIs

Projects

Online Coding Platform – Expanded and engineered a web-based coding platform featuring gamification elements like leaderboards and guild systems. Integrated an AI-powered chatbot to provide real-time coding help, and encouraged collaborative learning. Improved user engagement through interactive challenges and instant feedback.
Tech Stack: HTML, CSS, JavaScript, React JS, Spring Boot, SQL

Bike Rental System – Enhanced a full-stack web application for managing online bike rentals. Included features for booking, availability tracking, dynamic pricing, and rental confirmations. Implemented user-friendly interfaces and connected to a backend system for seamless data handling.
Tech Stack: HTML, CSS, JavaScript, Next JS, Django

Work Experience

Extion Infotech (Oct 2024 – Feb 2025)
Full Stack Development Intern
• Engineered key modules of a Blood Bank Management System that improved donor registration speed by 30%.
• Executed user-facing pages (donor sign-up, admin login) using React.js
• Applied backend functionality using Node.js and MySQL
• Enforced user roles, authentication, and data security
• Collaborated with the team to debug and enhance UI/UX

Certifications & Achievements

• Completed '100 Days Python Bootcamp' on Udemy.

• Java for Beginners - Learn all the Basics of Java.

• Presented paper: 'Guild Based Online Coding Platform with Gamification', IEEE GINOTECH 2025.