Mohammed Rahis

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Professional Summary

Final-year Computer Science student and Kaushaal '25 Winner with strong expertise in Java Spring Boot and React. Proven track record in building scalable microservices and integrating Generative AI APIs. Passionate about backend engineering and clean architecture.

Technical Skills

Programming Languages: Java (Primary), C/C++, Python
Backend: Spring Boot, REST APIs, Microservices, Spring Data JPA
Frontend: HTML, CSS, JavaScript, React
Databases: MySQL **,** MongoDb
Core Areas: OOPS , DSA , Problem Solving
Tools & Frameworks: VS Code, IntelliJ IDEA, Git, GitHub, Postman, Docker, Maven
RPA: UiPath (Selectors, Excel Automation, Attended Bots)

Projects

Delearner - AI-Powered Intelligent IDE (React, Node.js, TypeScript, Gemini, Groq)
• Built an AI-assisted coding platform with real-time error explanations, quick fixes, and visual debugging.
• Added profiling & complexity analysis (time/space) with charts for performance insights.
• Integrated auto test case generation to enhance DSA practice and solution validation.

Nexus Digital – AI Marketing Platform (React, Node.js, TypeScript, Gemini API, MongoDB, Stripe)
• Engineered an AI-powered content & SEO suite using Gemini API, reducing manual creation time by ~35%.
• Built a secure RBAC-based CMS with client-side image compression, improving load performance by 40%.
• Integrated Stripe subscriptions, boosting onboarding efficiency by 20%.

Automated Payroll System (UiPath, Excel Automation)
• Automated employee salary calculation by extracting attendance (check-in/out) from CSV files.
• Fetched basic salary + allowances and computed daily pay based on working hours.
• Generated a consolidated monthly salary sheet using Excel Process Scope for reliability.
• Reduced manual processing and eliminated calculation errors.

Work Experience

Software Development Intern | GD Edu Tech | Jul 2025 - Sep 2025
• Developed and enhanced full-stack web features using React and Node.js, improving page responsiveness and reducing UI load time by ~20%.
• Refactored frontend components into reusable modules, improving maintainability and reducing duplicated code by 30%.

Java Developer Intern – FutureIntern (Jan 2024 – Feb 2024)
• Built multiple Java console applications using OOP, improving code modularity and clarity across all submissions.
• Debugged and optimized existing code exercises, achieving up to 25% faster execution in certain tasks.

Achievements

1st Prize – KAUSHAAL '25 Project Presentation (DeLearner)

AI Code Debugger recognized for innovation, clarity, and real-world impact by industry evaluators during the showcase event. Successfully designed and presented an Explainable-AI learning platform offering real-time code explanations, automated debugging, and performance insights. Enabled faster learning and reduced troubleshooting time by over 40% through intelligent error analysis and guided feedback.

Certifications

Introduction to Computer Science (CS50) – Harvard University (edX), Mar 2024
Java Programming – Udemy (Instructor: Abdul Bari), 2024
Data Structures and Algorithms – GeeksforGeeks, 2025

Volunteer Experience

CodeNexus — ViceChair
Founded a DSA learning club that increased coding session participation by 50%.
EmbedClub — Web Lead
Organized and coordinated workshops on Micro:bit, Embedded Systems , Node-Red

Education

B.E in Computer Science & Engineering | P A College of Engineering, Mangalore | 2022 –2026
CGPA: 8.08/10
Relevant Courses : Data Structures & Algorithms , OOPS , Operating System , DBMS