KARTHIK V H

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Professional Summary

Developer with hands-on experience in Java, Spring Boot, React.js, and SQL. Skilled in scalable applications, RESTful APIs, and authentication with strong knowledge of Data Structures, OOP, system design, AWS, and Docker

Skills

- **Programming Languages**: Java, JavaScript, HTML5, CSS3, SQL

- **Frameworks & Libraries**: Spring Boot, React.js, Bootstrap, Tailwind CSS

- **Databases**: MySQL, PostgreSQL

- **Cloud & Tools**: AWS (basic) Git, GitHub

- **Concepts**: RESTful API Development, API Integration, Microservices, Unit Testing, Debugging, Responsive UI Design, Data Structures & Algorithms, OOP, Agile Development, SDLC

Education

SEA College of Engineering and Technology, Bangalore   Nov 2021 – June 2025
B.E. in Electronics and Communication Engineering, CGPA: 7.54 / 10

Professional Experience

Alpha Tech Academy, Bengaluru   Feb 2025 – May 2025
Java Full Stack Development Intern
- Built and deployed web applications using Java Spring Boot, React.js, and MySQL.
- Designed secure REST APIs with JWT authentication and optimized queries for better performance.
- Performed unit testing and debugging, reducing defects by 20%.

Besant Technologies, Bengaluru   Mar 2025 – May 2025
SQL Trainee
- Designed and optimized relational databases using SQL, joins, and stored procedures.
- Enhanced query efficiency by 15% through performance tuning.

Projects

ClarityHub Backend – Task Management System
Technologies: Spring Boot, MySQL, JWT Authentication
- Built a backend system using Spring Boot and JWT authentication.
- Exposed REST APIs for tasks, projects, and user profiles.
- Managed MySQL database with optimized queries, reducing query time by 10%.
- GitHub Repository

Certifications

- Java Full Stack Development — Alpha Tech Academy, 2025

- SQL Programming — Besant Technologies, 2025

- Prompt Engineering for Beginners — GUVI, OpenAI, 2023

- AWS Cloud Practitioner (In Progress)