D M Bharath

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SUMMARY

I specialize in building scalable, high-performance applications using **Java, Spring Boot, SQL and Microservices**. With expertise in **backend development, cloud-native solutions, and distributed systems**, I optimize workflows and enhance system efficiency. Passionate about continuous learning, I strive to deliver innovative and impactful solutions.

WORK EXPERIENCE

Backend Development, Velocita Project – Chennai [View]   Jan 2024 – Dec 2023

- **Optimized API Performance:** Reduced API response time by **40%** through query optimization and caching in **Java & Spring Boot**.
- **Secure Authentication:** Implemented **JWT, OAuth2.0, & Spring Security**, ensuring **100% secure access control**.
- **Scalable REST APIs:** Built APIs handling **1000+ requests/day** with **zero downtime**.
- **Database Efficiency:** Designed and optimized **MySQL & PostgreSQL** schemas for faster queries.
- **Collaboration & Version Control:** Managed code effectively using **Git & GitHub**.

Client-Side Development, National-Level-Hackathon –Coimbatore [View]   Sept 2023 – Nov 2023

- **Enhanced Online Security:** Developed a tool to identify and flag malicious URLs, improving web safety.
- **User-Friendly Interface:** Designed an intuitive frontend with **HTML, CSS, & JavaScript** for real-time detection results.
- **Efficient-Backend-Processing:** Built **RESTful APIs with Java** for seamless data processing & real-time URL analysis.
- **Real-Time Threat Detection:** Ensured fast & accurate threat identification through optimized backend connection.
- **Robust Security Measures:** Implemented strong security protocols to protect user data and system integrity.

SKILLS

- **Programming Languages:** Java, Python, JavaScript, C, C#.
- **Frameworks and Architecture:** Spring Boot, Spring, .Net, Spring-MVC, Microservices, Spring-Security, Rest APIs.
- **Web Technologies:** HTML, CSS, Servlets, Thymeleaf, UI/UX Design, Browser Developer Tools.
- **Database Technologies:** SQL, MySQL, PostgreSQL, JDBC, Spring Data JPA, Spring JDBC, XML Parsing, JSON.
- **Tools and Platforms:** Git, Github, Maven, Gradle, Tomcat, Postman, Docker, Putty, Eclipse(IDE), VS-Code, Intellij.
- **Software:** Figma, Adobe Photoshop, Canva, Miro.
- **Other Skills:** OAuth, Jira, Scrum, Agile Methodologies, Notion, Design & Development, Application Maintenance.
- **Soft Skills:** Communication, Problem solving, Teamwork, and Collaboration.

EDUCATION

East Point College of Higher Education, Bachelor of Computer Science   Sept 2022 – May 2025

- GPA: 9.5/10.0
- **Relevant Coursework:** Computer Architecture, Comparison of Learning Algorithms, Data structures, Database Management Systems, Computational Theory

CERTIFICATION

Cyber Hackathon, National Level - Winner [View]   Sept 2023
Awarded for exceptional problem-solving abilities and innovative approaches to cybersecurity challenges.

National Level Hackathon [View]   Jan 2024
Actively participated in PEC Hacks, where I gained hands-on experience and developed the confidence to take.