Dhanush B

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PROFESSIONAL SUMMARY

Motivated Full Stack Developer with hands-on experience in building scalable, user-friendly web applications using technologies such as React.js, Java, Spring Boot, Node.js, and MongoDB. Adept in JavaScript, API development, and problem-solving with a strong focus on performance optimization, security, and database management.

EDUCATION

Velammal Engineering College   Chennai, Tamil Nadu
Bachelor of Engineering in Computer Science and Engineering   *Nov 2020 – May 2024*
- **CGPA:** 9.35/10
- Relevant Coursework: Data Structures, Algorithms, Database Management, Web Development, Object-Oriented Programming, Software Engineering

St Joseph's Higher Secondary School   Chennai, Tamil Nadu
Higher Secondary   *June 2019 – Mar 2020*
- **Percentage:** 83%
- Relevant Coursework: Computer Fundamentals, SQL

Don Bosco Matriculation School   Chennai, Tamil Nadu
Secondary Education   *June 2017 – April 2018*
- **Percentage:** 93%

TECHNICAL SKILLS

Frontend: HTML5, CSS3, JavaScript (ES6+), React.js, Bootstrap, jQuery

Backend: Java, Spring Boot, Node.js, Express.js, RESTful APIs, JWT Authentication

Database Management: MySQL, PostgreSQL, MongoDB

Cloud DevOps: AWS (EC2, S3, Lambda), Docker,

Version Control: Git, GitHub

Testing Debugging: Unit Testing, Postman

Other Tools: REST API Design, Oauth2, OpenAPI

PROFESSIONAL EXPERIENCE

Grrow Up - PrepInsta Technologies   Full Stack Web Development Intern
July 2024 – September 2024
- Developed and deployed 8+ full-stack web applications using React.js, Node.js, Express.js, and MongoDB, improving deployment efficiency by 30%.
- Implemented JWT authentication and API security, reducing unauthorized access by 40%.
- Optimized database queries and indexing, reducing response time by 35% and improving data retrieval efficiency.
- Collaborated with cross-functional teams to integrate frontend with backend services, ensuring seamless user experiences.

PROJECTS

Personal Portfolio Website   React.js, JavaScript, HTML5, CSS3
- Designed and deployed a fully responsive portfolio website showcasing personal projects, technical skills, and certifications.
- Implemented SEO optimization techniques, improving site traffic by 40%.
- Integrated smooth animations, interactive UI, and mobile responsiveness for better user experience.

E-commerce Website   React.js, Node.js, Express.js, MongoDB, JWT Authentication
- Developed a full-stack e-commerce platform with separate frontend and backend components for improved scalability.
- Implemented JWT-based authentication, role-based access control, and session management for enhanced security.
- Developed product categorization, search, filtering, and cart management features to improve user experience.
- Used MongoDB indexing and RESTful APIs to improve site performance and reduce data retrieval time by 30%.

Tic-Tac-Toe Game   Java
- Designed and implemented an interactive, command-line-based Tic-Tac-Toe game using Java.
- Utilized efficient data structures and algorithms for optimal game state evaluation.

Job Portal Web Application   Java, Spring Boot, MySQL, RESTful API
- Developed a job portal web application using Spring Boot MVC architecture and MySQL for database management.
- Implemented CRUD operations for job listings, user profiles, and applications, streamlining the hiring process.
- Designed an admin dashboard for managing job listings, user roles, and application approvals.

CERTIFICATIONS

- Java Basic - HackerRank
- SQL Basic - HackerRank
- Java Spring Framework 6 with Spring Boot - Udemy
- AWS for Beginners - Scaler Topics

PERSONAL ATTRIBUTES

- Strong analytical and problem-solving skills with a focus on software optimization and performance improvement.
- Effective communicator with excellent teamwork and collaboration abilities in fast-paced environments.
- Adaptable and eager to learn new technologies and tools to enhance development skills.
- Meticulous attention to detail with strong debugging and testing proficiency.

LEADERSHIP EXTRACURRICULAR ACTIVITIES

- Coordinator for the CSE Symposium, organizing coding competitions, hackathons, and workshops.
- Solved 450+ problems on LeetCode and 350+ on GeeksforGeeks, showcasing expertise in algorithms and data structures.
- Active contributor to open-source projects on GitHub.
- Mentor for junior students, assisting them with coding challenges and project development.