BHUVANESHWARI R

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EDUCATION

Sri Eshwar College of Engineering, Coimbatore   2021 – 2025
B.E. Computer Science & Engineering   *CGPA: 9.0/10.0*

- Department Topper (Rank 1)
- Active participant in coding hackathons and inter-college technical symposiums.

INTERNSHIP EXPERIENCE

Software Engineer   Mar. 2025 – Sep. 2025
Quantiphi   *Kerala, India*

- Built and deployed production-ready web applications using **MERN** and **Spring Boot**, handling a high volume of daily user requests with secure authentication.
- Reduced average response latency through optimized REST APIs and microservices.
- Integrated **GCP (BigQuery, Cloud Functions)** and **AWS (S3, EC2)** to improve data pipeline reliability and automate deployments.
- Collaborated in Agile/Scrum environment using Jira, code reviews, and sprint planning, shortening release cycles.
- Implemented CI/CD pipelines and automated testing, reducing regression bugs.

PROJECTS

Scalable Cloud-Native Commerce Platform (Backend)   Spring Boot, PostgreSQL/MySQL, AWS

- Developed a scalable **eCommerce backend** with features such as products, users, carts, and payments, capable of handling high traffic.
- Strengthened security with **JWT authentication & role-based access control**, preventing unauthorized access.
- Enhanced API performance using Hibernate/JPA, caching, and query optimization techniques.
- Deployed on **AWS EC2, RDS, S3** with Spring Profiles for reliable uptime and seamless scalability.

Real-Time Chat Application   Spring Boot, WebSocket, Thymeleaf

- Built a real-time chat system using **Spring Boot WebSocket**, enabling instant bi-directional messaging between multiple users.
- Designed a responsive chat UI with **Thymeleaf**, supporting live updates without page reloads.
- Optimized message handling for smooth performance and low latency during concurrent usage.

AI-Enabled Blog Platform   MERN, Google Gemini AI, ImageKit, Vercel

- Created a blogging platform with publishing, commenting, and an **Admin Dashboard**, used by an active user base.
- Integrated **Google Gemini AI** for automated blog draft generation, simplifying content creation.
- Improved image performance with **ImageKit API**, leading to faster load times and reduced storage costs.
- Deployed on **Vercel**, ensuring reliable performance and easy scalability.

TECHNICAL SKILLS

- **Programming Languages:** Python, Java, SQL, JavaScript
- **Web & Frameworks:** Spring Boot, React.js, Node.js, Express.js
- **Databases:** MySQL, MongoDB
- **Core CS Concepts:** Data Structures & Algorithms, Object-Oriented Programming, System Design

CODING SKILLS & ACHIEVEMENTS

- **LeetCode:** Solved 500+ problems, Global Rating 1600 (**Top 20%**).
- **Certification:** Google Cloud Associate Cloud Engineer (2025).
- **Awards:** Hackathon Finalist, recognized for building scalable cloud-native apps.