Bhaswanth Kumar Bonthala

📞 +91 9988556362 ✉ bhaswanth67@gmail.com in linkedin.com/in/bhaswanthkumar ⌕ github.com/Bhaswanth67
🌐 bhaswanth.netlify.app

Professional Summary

Full-stack developer skilled in Java, Spring Boot, and React.js with experience in building scalable microservices and modern web apps. Proficient in RESTful API development, database management, and cloud deployment on AWS and Azure. Passionate about clean architecture, responsive UI design, and delivering reliable user experiences.

Experience

Encora Innovation Labs 🔗   **Aug 2025 – Present**
Software Consultant   *Bangalore, On-site*

- Designed and implemented full-stack microservices and web applications using Spring Boot, React.js and AWS, contributing to scalable and maintainable solutions.
- Built and deployed RESTful microservices with Spring Boot, implementing service discovery, API routing, and secure inter-service communication patterns.
- Developed responsive and reusable React components integrated with Spring Boot APIs, improving UI responsiveness and enhancing user experience.
- Optimized code quality and performance through Spring Boot best practices and modular design.

Projects

MediBook ⌕ 🔗 | *MERN Stack (React, Node.js, Express, MongoDB)*

- Built a full-stack doctor appointment system using React for the frontend and Node.js/Express/MongoDB for the backend API.
- Implemented secure patient registration using Bcrypt for robust password hashing and handled login authentication through JWT token generation and verification.
- Created an admin dashboard with CRUD capabilities for managing users, doctors, and appointments, including a workflow for vetting new doctor registrations.

E-Commerce Microservices System ⌕ | *Spring Boot, Microservices, Eureka, Gateway, Feign, JPA, H2/MySQL, Swagger*

- Developed a microservices-based e-commerce application with services for user management, product catalog, order processing, service discovery via Eureka, and API gateway for routing and basic authentication.
- Implemented inter-service communication using Feign clients, role-based access, and databases (H2 for dev, MySQL for prod) with Spring Profiles for environment switching.
- Integrated Swagger for API documentation, JUnit/Mockito for testing, and SLF4J for logging to enable workflows like browsing products, placing orders, and updating stock/user history.

Plant Disease Detection Using CNN ⌕ 🔗 | *Python, TensorFlow, NumPy, Streamlit*

- Designed a Convolutional Neural Network (CNN) for early detection of plant diseases, achieving 93% accuracy in classifying healthy versus diseased crop leaves.
- Utilized a dataset of approximately 87,000 RGB images across 38 classes.
- Organized the dataset into training, validation, and test sets with a 70/15/15 split to ensure effective training and reliable evaluation.

Technical Skills

Languages: Java, JavaScript, SQL, Python
Frameworks & Libraries: Spring Boot, React.js, Node.js, JPA, Bootstrap, Swagger, JUnit, Mockito, Eureka, Feign Client
Database & Cloud: MySQL, MongoDB, AWS
Tools & Utilities: Git, GitHub, Postman, VS Code, Eclipse, Spring Tool Suite, Streamlit, Docker
Coursework: DSA, Web Technologies, DBMS, Cloud Computing, Software Engineering, Machine Learning
Certifications: AWS Cloud Practitioner 🔗

Education

Vellore Institute of Technology   **2025**
Bachelor of Technology in Information Technology – CGPA: 8.84/10.0   *Vellore, Tamil Nadu*

Narayana Junior College   **2021**
Board of Intermediate Education, MPC – Percentage: 91.6%   *Hyderabad, Telangana*