Vera Brahmam Penudhota

| Java Full Stack Developer | Spring Boot | React | AWS | MySQL   (🚀 Driven by Code, Powered by AI, Deployed on Cloud)

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🐙 GitHub https://github.com/verupenudhota 🔗 PortFolio: https://verupenudhota.netlify.app/ 📍 Hyderabad, India

PROFESSIONAL SUMMARY

Full Stack Developer skilled in **Java, Spring Boot, React.js, and MySQL** with strong deployment experience on AWS. Successfully built and hosted full stack applications using **EC2, Elastic Beanstalk, and RDS**, with complete handling of **cloud logs, environment configuration, and troubleshooting**. Proficient in creating **RESTful APIs, secure authentication, and scalable backend systems**. Leveraged **AI tools like GitHub Copilot, ChatGPT (GPT-4), and Postman AI** to accelerate development, auto-generate test cases, and debug code efficiently. Committed to writing clean, maintainable, and production-grade code with a focus on cloud-native solutions and real-world impact.

TECHNICAL SKILLS

Backend: Java, Spring Boot, REST APIs, DSA, JWT Authentication, CRUD Operations

Frontend: HTML5, CSS3, JavaScript, React.js

Frameworks: Spring MVC, Spring Security, Microservices (basics)

Database: MySQL ,Oracle, PostgreSQL

AI Tools: GitHub Copilot, ChatGPT (GPT-4), Postman AI, Cursor AI, Spring AI, OpenAI API

DevOps & Cloud: AWS (EC2, S3, RDS, Elastic Beanstalk), Render, Heroku, Railway Platform

Computer Fundamentals: Operating Systems, Computer Networks, SDLC, agile

Tools: Git, GitHub, Postman, IntelliJ, VS Code, Maven ,STS, Eclipse IDE

Development Practices: Agile Methodology, Unit Testing, Responsive Design

Soft Skills: Communication, Adaptability, Problem Solving, Presentation Skills

WORK EXPERIENCE

Full Stack Development Intern | Shiash Info Solutions Pvt. Ltd, Chennai   **Jan 2024 – Mar 2024**

* Engineered features across the full SDLC to streamline project delivery and reduce turnaround time.

* Automated build and deployment processes using Maven, improving CI efficiency by 13%.

* Designed and executed testing protocols that ensured a defect-free release cycle. Supported client presentations, improving satisfaction scores by 15% through impactful demos.

EDUCATION

B.Tech in Electronics and Communication Engineering

Dhanalakshmi College of Engineering | CGPA: 8.07   **2020 – 2024**

Intermediate (Senior SSC -MPC) – Sri Chaitanya Junior College| CGPA: 9.57   **2018 – 2020**

SSC- ZPHS Marripadu | CGPA: 9.0   **2017 – 2018**

PROJECTS

1.FitTrackr – AI-Powered Gym Workout Tracker(personal project) LINK

   Developed a full-stack application using **Spring Boot**, **Spring AI**, and **React** to deliver personalized workout recommendations and progress tracking.
   Implemented secure user authentication and dynamic workout logs with real-time updates.
   Designed an intuitive, responsive UI with data visualization features to deliver actionable fitness insights and improve overall user experience.

Tech Stack (FitTrackr): Java, Spring Boot + Spring AI, React, Tailwind CSS3, OpenAI GPT-4o.

2. Lead Capture and Scoring Dashboard(personal project) LINK

   Developed a modular **Lead Capture and Scoring Dashboard** with two decoupled backend systems

   System 1 receives lead data from the React frontend, processes and forwards it to **System 2** via internal API calls for AI-based scoring and categorization.

Designed similar to a Facebook lead workflow, enabling clean data flow from UI to sales team-ready insights..

   Tech Stack(LC-SD):- React.js | Tailwind CSS | Spring Boot | MySQL | OpenAI GPT-4o (Mock API) | REST APIs

3.WeatherDashboard – Real-Time Weather Analytics Dashboard (personal project) LINK

   Developed a full-stack application using **Spring Boot** to expose REST APIs that consume weather services and serve location-based forecasts.
   Built an interactive **React** frontend featuring dynamic charts and maps for temperature, humidity, and forecast trends.
   Deployed the Solution on Render providing continuous updates and a responsive UI for instant data-driven weather insights.
   Tech Stack(Weather Dashboard) :Spring Boot, React-JS,External Weather APIs ,Render(Cloud Deployment)

4.VeerusBake – Online Bakery Ordering Platform (personal project) LINK

   Developed a full-stack web application using **Spring Boot** and **Spring MVC** to expose REST APIs for product catalog, cart, and order   management, secured with **Spring Security**.
   Built responsive pages in **HTML, CSS, and JavaScript** for browsing items, customizing orders, and real-time cart updates.
   Deployed on **Elastic Bean Stalk**, enabling seamless ordering, secure checkout, and an intuitive user experience for customers.
   Tech Stack (VeerusBake): Spring Boot, Spring MVC, Spring Security, REST APIs, HTML, CSS, JavaScript, Render (deployment).

5.Employee-Management-System(Personal Project) LINK

   Developed a complete employee CRUD system with add, update, delete, search, and real-time UI updates.
    Designed scalable structure using controller-service-repo pattern and clean frontend components.
   Integrated backend REST APIs with MySQL and deployed using Render with cloud logging support.
   Tech Stack(EMS)- Spring Boot, Spring MVC, Spring Security, REST APIs, React-JS

6.SnakeQuest – Jungle-Themed Snake Game (personal project) LINK

   Built an engaging browser game in **React** with **Axios**-based REST calls for score storage and leaderboard retrieval.
   Implemented-animated Jungle visuals themed sound effects,and smooth snake tail mechanics to heighten player immersion.
   Deployed on **Netlify** with continuous deployment for fast, mobile-responsive gameplay accessible via the web.

CERTIFICATION

1. Java Full Stack Internship – Shiash Info Solutions (2024).
2. Core Java – Growth Ninja Summer Internship (2023).
3. Frontend Development (HTML, CSS, JavaScript, React JS) – Great Learning (2023).