

# JAVVAJI LIKHITH CHOWDARY

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**Profile** — Results-driven and adaptable **Full-Stack Developer** with practical experience in delivering secure, scalable web applications using **Java**, **Spring Boot**, and **Angular**. Expertise in building backend systems, integrating RESTful APIs, and developing responsive, role-based frontend interfaces. Skilled in managing relational databases like **Oracle** and **MySQL**, securing APIs using JWT authentication. Proficient in writing unit and integration tests using **JUnit** and **Jasmine**, and adopting principles of clean code, modular design, and agile collaboration. Passionate about transforming functional requirements into reliable, user-centric software solutions.

## Skills

- **Programming Languages:** Java, Python, SQL, HTML, CSS, JavaScript
- **Databases and Query Languages:** Oracle, MySQL, PL/SQL
- **Frameworks and Libraries:** Spring Boot, JAX-RS, Angular, Bootstrap, JUnit, Jasmine, Hibernate
- **Specialized Skills:** RESTful APIs, Microservices, JWT Authentication/Authorization, Streams, DSA, Service Calls, Capacitor
- **Cloud and DevOps Tools:** AWS Basics, Apache Kafka, GCP Basics, GitHub, Docker, Firebase
- **Developer Tools:** Postman, VS Code, IntelliJ, Cursor, Git Bash

## Professional Experience

### Prudentity

Backend Developer (Java, Angular & Spring Boot)

Jun 2024 – Present

Hyderabad, India

- Developed and maintained **scalable backend services** using **Spring Boot** and **RESTful APIs**, collaborated on frontend using **Angular**
- Implemented **JWT-based authentication**, integrated **Oracle database interactions**
- Contributed to **secure API development**, **database querying**, and **responsive UI behavior**
- Adopted best practices in **clean code**, **reusability**, and **application security**

## Projects

### Library Management System

- Full-stack **Angular + Spring Boot** application managing over **10,000+ books**, supporting **real-time issue/return** workflows.
- Implemented **JWT-secured APIs**, book availability tracking, role dashboards, and **automated stock updates**, reducing manual effort by **90%**.
- Achieved a **35% faster response time** by optimizing DB queries and service-layer logic.

### Human Resource Management System (HRMS)

- Developed a **modular HRMS platform** with dashboards for **HR/Admin**, **Manager**, and **Employee**, supporting multiple users.
- Built modules for **onboarding**, **attendance**, **leave approvals**, **payroll**, and **profile updates**, increasing HR process efficiency by **40%**.
- Implemented half-day leave logic and reminder workflows, improving accuracy in leave tracking by **100%**.

### BuildOra Application

- Designed a facility management tool using **Java**, **Spring Boot**, **Angular**, and **Oracle DB**, visualizing **95% of building layouts**.
- Integrated with **Capacitor** to create a mini-installable app supporting **CAD diagram viewing** and **dynamic space mapping**.
- Features included: **floor/building hierarchy**, **image overlays**, **sensor and asset mapping**—reducing space identification time by **50%**.

### Smart Notes PWA Web App

- Built an installable **PWA** with **offline support via IndexedDB**, allowing users to manage notes even without internet.

- Enabled **pinning**, **image uploads**, **dark mode**, **PDF export**, **Firebase sync**, and **push notifications**, improving engagement by **89%**.
- Integrated **reminder functionality** and **cloud backup**, resulting in **98% sync accuracy** across devices.

#### Brain Tumor Subtype Detection using CNN + Transfer Learning

- Developed a diagnostic model using **ResNet-50** with **96.3% accuracy** on brain MRI data from over **3,000 images**.
- Deployed using **Flask** with a user-friendly clinical UI, reducing prediction latency to **2 seconds per image**.
- Implemented techniques like data augmentation and early stopping to enhance model generalization by **20%**.

## Education

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**Vasireddy Venkatadri Institute of Technology**  
*Bachelor of Technology in Information Technology*  
*Location: Guntur, India*

**2020 – 2024**  
*Percentage: 80%*

## Certifications

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- **Google Cloud Digital Leader, Microsoft Certified: Azure Administrator Associate**
- **AWS Academy Graduate** – Cloud Foundations, Data Analytics, ML Foundations
- **NPTEL DSA with Java, Programming with Python**
- **HackerRank Certified** – Java, Python, SQL

## Internships

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- **Full-Stack Developer** – APSICHE (2024)
- **Machine Learning Foundations** – AWS Academy (2023)
- **Salesforce Developer Virtual Internship** – Smart Internz (2023)
- **Academic Process Mining Fundamentals** – Internal Research (2023)

## Interests

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- **Pursuing Real-world Projects** – Building practical applications and exploring new technologies
- **Playing Indoor/Outdoor Games** – Maintaining active lifestyle through sports and recreational activities
- **Travel & Exploration** – Discovering new places and experiencing different cultures