PATHIPUTTOOR HARSHAVARDANA REDDY

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LinkedIn | Portfolio | GitHub

PROFESSIONAL SUMMARY

Results-driven **Software Engineer** specializing in **Java Full Stack Development (Spring Boot & Microservices), Python Full Stack Development, and MERN Stack Web Development**. Proficient in **DevOps, CI/CD pipelines (Jenkins, Docker, Git), and AWS Cloud Services**.

Experienced **Peer Mentor for Continuous Delivery and DevOps**, guiding students in adopting industry best practices. Passionate about leveraging technology to drive innovation and **solve complex real-world problems**. Eager to contribute expertise in **software development, cloud computing, and DevOps** within a dynamic and collaborative environment. Excited about opportunities to work with **cutting-edge financial technology solutions, big data, cybersecurity, and cloud-based applications** in a global tech-driven firm.

EDUCATION

B. TECH IN COMPUTER SCIENCE AND ENGINEERING(HONORS)   Expected in 07/2026
K L Deemed To Be University, Vaddeswaram
GPA: 9.4

INTERMEDIATE   03/2022
BIIT Junior College, Guntur
Percentage : 83%

SSC   03/2020
BHASYAM E.M, HS, Vijayawada
GPA: 10.0

RESPONSIBILITIES AND EXPERIENCE

KL UNIVERSITY
Vaddeswaram, India

Student and Subject Peer Mentor   08/2023 to Current
- I am currently working as a student and subject peer-mentor at K L University.

CERTIFICATIONS AND ACHIEVEMENTS

- AWS Certified Developer – Associate (DVA-C02), Amazon Web Services, January 2025.
- RedHat Certified Application Developer (EX183), RedHat, September 2024.
- Certified Oracle Professional Java SE11 Developer (1Z0-819), Oracle, August 2024.
- AWS Certified Cloud Practitioner (CLF-C02), Amazon Web Services, April 2024.

SKILLS

- **Programming Languages**: Proficient in C, C++, Java (Certified Professional from Oracle), Python, and JavaScript.
- **Database Management**: Skilled in SQL and MongoDB.
- **Frameworks**: Extensive experience with Spring, Spring Boot, and Hibernate.
- **DevOps & CI/CD**: Experience with Jenkins, Docker, Git, and CI/CD pipeline automation.
- **Soft Skills: Strong Communication Skills, Problem-Solving, Critical Thinking, Leadership & Mentorship.**
- Expertise in **Object-Oriented Programming (OOP)** and **Data Structures and Algorithms (DSA).**
- **Full-Stack Development**: Expertise in Java Full Stack Development (Spring Boot with React.js), MERN Stack (MongoDB, Express.js, React.js, Node.js), and Django.
- **Backend Development**: Proficient in Node.js, Express.js, Django, and Spring Boot Microservices.
- **Frontend Development**: Proficient in HTML, CSS, React.js, and Next.js.
- **Cloud Computing**: Skilled in AWS Cloud Services, Deployment, and Infrastructure as Code (IaC).

PROJECTS

1. **Online Assignment and Grading System (Spring-Boot with React.js):**
   - Developed a **full-stack application** to manage **assignments, submissions, and grading**.
   - Integrated **JWT authentication & Role-Based Access Control (RBAC)**.
   - Implemented **email notifications**, reducing **grading response time by 40%**.
   - **Tech Stack:** Java, Spring Boot, React.js, JWT, REST APIs, Email Notifications.
   - *Project GitHub Link:* **GitHub-Link**
2. **University Event Management:**
   - Built an **event registration system** supporting **automated notifications and certificate generation**.
   - Developed an **admin dashboard**, streamlining event operations and **reducing manual effort by 50%**.
   - **Tech Stack:** Java EE, JSP, JPA, SQL, Email Notifications
   - *Project GitHub Link*: **GitHub-Link**
3. **Employee Leave Management System (MERN)**:
   - Built a **leave management system** with **real-time email authentication & approvals**.
   - Implemented **JWT authentication & RBAC**, enhancing **data security by 60%**.
   - **Tech Stack:** MongoDB, Express.js, React.js, Node.js, JWT, REST APIs, Email Notifications.
   - *Project GitHub Link*: **GitHub-Link**
4. **Music Streaming Services (Python-Django)**:
   - Developed a **full-stack music streaming platform** with **user authentication & playlist management**.
   - Integrated **real-time streaming capabilities**, improving **server response time by 35%.**
   - **Tech Stack:** Python, Django, PostgreSQL.
   - *Project GitHub Link*: **GitHub-Link**

SOCIAL AND CODING PROFILES

- Credly: https://www.credly.com/users/pathiputtoor-harshavardana-reddy.9fb32c53
- Code-Chef: https://www.codechef.com/users/klu2200030963
- Stop-Stalk: https://www.stopstalk.com/user/profile/klu_2200030963
- HackerRank: https://www.hackerrank.com/profile/klu_2200030963