PULA PAVAN KALYAN

Java Developer | Backend Engineer +91-7330917336 | pavankalyanpula@gmail.com Markapur, Andhra Pradesh, India [**LinkedIn**] | [**GitHub**] | [**LeetCode**]

PROFESSIONAL SUMMARY

Computer Science student with a strong foundation in **Java, Data Structures (DSA), and Full Stack Development**. Hands-on experience in building **Spring Boot REST APIs**, cloud-based applications using **AWS**, and solving complex algorithmic problems. Eager to contribute to scalable software solutions in a fast-paced engineering environment.

TECHNICAL SKILLS

- **Languages:** Java (Core, OOPs, Exceptions)
- **Backend Frameworks:** Spring Boot, REST APIs, Hibernate, Spring MVC, Spring AOP
- **Cloud Services:** AWS (Lambda, S3, DynamoDB, Textract, SNS)
- **Databases:** MySQL, PostgreSQL
- **Tools:** Git/GitHub, Postman, LeetCode, HackerRank
- **Concepts:** Data Structures & Algorithms (DSA), Problem Solving, Agile Practices

PROFESSIONAL EXPERIENCE

AWS Cloud Intern | APSSDC | *May 2025 – June 2025*

- Developed a serverless receipt-processing workflow using **AWS Lambda** and **Textract** for automated OCR data extraction.
- Utilized **S3** for storage and **DynamoDB** for high-speed metadata management, ensuring scalable cloud architecture.
- Followed **Agile practices** during the development lifecycle to meet project milestones.

AI/ML Intern | APSSDC | *May 2024 – June 2024*

- Built and optimized **Sentiment Analysis models** using NLP techniques, achieving an accuracy of **80%+**.

TECHNICAL PROJECTS

Online Election Voting System | *Spring Boot, MySQL* | [[Repo]] | [[Demo]]

- Developed a secure voting platform using **Spring Framework** and **REST APIs** to ensure data integrity during the election process.
- Designed a relational database schema in **MySQL** to handle voter registration and real-time result tallying.

Student Management & Task Assigner APIs | *Spring Boot, MySQL* | [[Repo]] | [[Demo]]

- Engineered CRUD-based **REST APIs** using Spring Boot and MySQL for efficient task tracking and student record management.
- Validated all API endpoints using **Postman** to ensure 100% functional reliability.

EDUCATION

- **B.Tech in Computer Science**, Aditya College of Engineering and Technology | *2023–2026*
- **Diploma in Computer Engineering**, Dr. B.R.A.GMR Polytechnic | *2020–2023*

CERTIFICATIONS

- **AWS Cloud Computing** – APSSDC
- **Java, MySQL, and Problem Solving** – [[HackerRank]]