

## POTHURAJU VYSHRAWAN

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Pre-final year Computer Science student skilled in backend and web application development using Java, Spring Boot, MySQL, and Python. Familiar with AWS (EC2, S3), Bootstrap, and Tailwind CSS. Strong foundation in DSA, rapid learning ability, and hands-on experience integrating ML models into web systems. Seeking a software engineering internship to contribute to scalable application development.

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### PROJECTS

#### Quiz Master App — Spring Boot, JPA, MySQL

Developed a full quiz platform supporting multiple quizzes, categories, and automatic scoring. Built REST APIs for quiz creation, submission, and evaluation. Implemented persistent storage using Hibernate/JPA with MySQL.

#### FrameFlash Productions Website — Spring Boot, HTML, CSS, JavaScript

Built a responsive full-stack website for a production startup to showcase films, news, and announcements. Implemented scroll-snap UI, mobile navbar, and tools for managing short film content.

#### Real Estate Price Predictor — Spring Boot & Flask (ML)

Built an ML-integrated web app to estimate Hyderabad property prices using user inputs. Connected Flask ML service with Spring Boot backend via REST APIs. Added logs, tests, and trained regression model files for predictions.

#### CGPA Calculator — HTML, CSS, JavaScript

Built a full-stack GPA/CGPA calculator with a **Spring Boot backend** and a responsive frontend. Exposed REST endpoints to compute semester GPA and cumulative CGPA based on user inputs. Implemented dynamic UI logic using JavaScript for form handling and real-time updates.

### TECHNICAL EXPERIENCE

#### JPMorgan Chase & Co. — Software Engineering Virtual Experience (Forage)

- Worked with Kafka message queuing for real-time data streaming.
  - Built REST API controllers using Spring Framework.
  - Integrated H2 in-memory SQL database for backend persistence.
  - Used Maven and Spring Boot for service setup and build workflows.
  - Understood backend service architecture and real-world engineering practices.
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## CLOUD EXPERIENCE

- Launched applications on AWS EC2 for testing and workflow understanding.
- Used AWS S3 for basic cloud storage operations.

## ACHIEVEMENTS

- Solved 125+ problems on LeetCode (Java).
- Completed AWS cloud fundamentals through self-learning.
- Built 4+ full-stack applications using Java and Spring Boot.

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## EDUCATION

- **Bachelor of Technology (B.Tech), Computer Science and Business System**  
VIT-AP University | Sep 2023 – Oct 2027  
Grade: 8.01
- **Class XII, MPC**  
Sri Chaitanya College of Education | Apr 2021 – Mar 2023  
Grade: 90.8%
- **Class X, High School/Secondary Certificate**  
St. Joseph's High School, Hyderabad | Jun 2009 – Apr 2021  
Grade: 10/10

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## SKILLS

- **Languages:** Java, Python, C, JavaScript, SQL
- **Web & Frameworks:** Spring Boot, Flask, HTML/CSS, Bootstrap, TailwindCSS
- **Databases:** MySQL, SQL (Queries, Joins, Indexing)
- **Cloud:** AWS (EC2, S3 – beginner)
- **Tools:** Git, GitHub
- **Core Areas:** Data Structures & Algorithms, Web App Development, Basic Machine Learning