CHITRALA AKHIL

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SKILLS

Programming Languages: Java, Python, C
Frontend: HTML5, CSS3
Backend: Spring, Spring Boot
Databases: MySQL
Core subjects: OOPS, Computer Networks, DBMS

PROJECTS

SmartMammo: Breast Cancer Detection Using Deep   **Jun 2025 – Oct 2025**
Python, Ultralytics YOLOv8, PyTorch, OpenCV, CVAT, Google Colab, GitHub.   *Live: smartrmammo*

– Built a **Java-based full-stack collaboration platform** enabling developers to create tasks, manage sprints, and collaborate in real time using Spring Boot and React.
– Developed secure **Spring Boot REST APIs** with JWT authentication and enhanced the React UI using reusable components, routing, and efficient state management for improved performance prove.

Student Management System   **May 2025 – Jun 2025**
Java, Spring Boot, Spring Security, MySQL, HTML, CSS, Maven, Apache Tomcat.   *Live: student*

– Developed a **Student Management System** using Java and Spring Boot to manage students, courses, enrollments, attendance, and academic records with role-based access control.
– Implemented **RESTful APIs** with CRUD operations, validation, and database integration (MySQL/JPA), ensuring secure, efficient, and scalable data management.

Chatbot Development Using NLP   **Nov 2024 – Jan 2025**
Python, Natural Language Toolkit (NLTK), Flask, HTML, GitHub.   *Live: chatbot*

– Developed an **NLP-based chatbot** to handle user queries and generate accurate responses using intent classification and text preprocessing techniques.
– Implemented the chatbot using **Python and NLP libraries**, integrating model training, response generation, and evaluation to ensure reliable and efficient conversational interaction.

INTERNSHIP

Full Stack Developer Intern – TAP Academy   **Dec 2025 – Present**

– Developed and deployed full-stack applications using **JAVA, Spring Boot, Hibernate, MySQL, React, and REST APIs**, following clean and scalable architecture.
– Built backend modules with Spring Boot, implemented secure authentication, and optimized API performance.
– Designed responsive React components, improved page load speed, and enhanced overall user experience.

ACHIEVEMENTS

• **Competitive Programming:** Earned a **Diamond Badge** on Smart Interviews.

• Short term internship certificates on **Full stack java** and **AI & ML** from SkillDzire and Web blinders.

• Achieved **NPTEL** Certification in **Ethical Hacking** - 12-week certification program.

EDUCATION

G. Pulla Reddy Engineering College   **Nov 2022 – Jun 2026**
B.Tech in Computer Science and Engineering, CGPA: 8.84   *Kurnool, India*

Narayana Junior College   **Jun 2020 – Jun 2022**
Intermediate in MPC, Percentage: 90.6   *Yemmiganur, India*