HARISH RACHURI

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Objective

Aspiring Software Engineer with skills in Full Stack Development and Machine Learning, eager to apply technical knowledge in developing scalable applications and intelligent solutions. Passionate about problem-solving, continuous learning, and contributing to innovative projects that create real-world impact.

Education

Sri Vasavi Engineering College — Tadepalligudem, AP, India
BTech, Computer Science And Engineering; Score: 74.13% (8.16 CGPA) — 2022 - Present

Elite Junior College — Dubacherla, AP, India
BIEAP, MPC; Score: 77.5% — 2020 - 2022

Elite Public School — Dubacherla, AP, India
BSEAP, SSC; Score: 95.17% — 2019 - 2020

Technical Skills

- **Languages:** C, C++, Java, Python, JavaScript, SQL, NoSQL
- **Frameworks:** React.js, Flask, Spring Boot, MERN Stack
- **Tools:** Git, GitHub, Postman, Docker
- **Soft Skills:** Problem-Solving, Team Collaboration, Communication, Critical Thinking, Time Management

Projects

- **Smartphone Comparison and Recommendation System (Python+ML):**
    - Developed a web application using **Flask (Python)**, **Html5, CSS, Javascript**, and **Machine Learning**.
    - Implemented **Python Selenium** to scrape real-time mobile specifications and pricing data from **gsmarena** website.
    - Designed a **comparison engine** to analyze features such as performance, battery, and camera, enabling side-by-side evaluation.
    - Built a **recommendation module** that suggests the best mobile based on user preferences and scraped data insights.
    - Integrated user reviews to enhance decision-making and provide a more reliable mobile suggestion system.

    [GitHub Link]

- **Online Quiz Examination Portal – SVEC (Java, Spring Boot, React JS, Apache Kafka):**
    - Developed a examination portal using **React.js**, **Spring Boot**, and **MongoDB**, designed for secure and scalable online assessments.
    - Implemented **role-based modules**: – **Teacher**: create and schedule exams, modify schedules, cancel exams, evaluate results, and track student progress. – **Student**: attempt live exams, view schedules, check results, track performance, and raise technical issues.
    - Integrated a **secure exam timer** with crash-recovery and auto-submit functionality to ensure exam continuity even during system failures.
    - Designed **real-time answer tracking and evaluation** to improve accuracy and prevent data loss.
    - Incorporated a communication module for students to directly **contact faculty** regarding technical issues.
    - Secured authentication with **JWT tokens** and optimized the backend to support **10,000+ concurrent users**.

    [GitHub Link]

Certifications

- **React Native** Issued by GeeksforGeeks, Jun 2025
- **Mongodb Java Developer** Issued by Mongodb University, Jun 2024
- **Azure Ai Fundamentals** Issued by Amazon, Sep 2023
- **Amazon Web Services** Issued by Brainovision, Sep 2023
- **Git & GitHub Essentials** Issued by Brainovision, Nov 2023