

BADRI NARAYANA KANCHARLA

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Education

Vasavi College of Engineering

BE in Information Technology | GPA: 9.55/10.0

2022 – 2026

Skills

Languages: C++, Java, Python, JavaScript, C, HTML/CSS

Backend & Databases : React.js, SpringBoot, Node.js, Express.js, Flask, REST API, MySQL, MongoDB

Infrastructure & DevOps: Kubernetes, Docker, CI/CD, Git, Postman

CS Fundamentals: Data Structures & Algorithms, OOPs, DBMS, OS, Computer Networks

Soft Skills: Problem Solving, Critical Thinking, Teamwork, Leadership

Experience

Associate Software Engineer Intern | Oracle

Jan 2026 – Present

- Built a secure SMS retargeting service with multiprocessing workers, API integrations, rule-based targeting, and observability for scalable campaign delivery.
- Developed REST APIs with caching, retry logic, and structured logging, reducing redundant calls and speeding up incident debugging.
- Built a Smart Offers Agent in a company hackathon, using customer behavior signals to generate personalized e-commerce recommendations.
- Fixed Fortify/OpenText security findings by adding parameterized queries and input validation, reducing SQL injection and sanitization risks.
- Implemented spec-driven development across workflows, aligning requirements, API contracts, tests, and documentation

Projects

IT Incident Summarizer (*React.js, Flask, RAG, ML*) Github

Jun 2025

- Built a scalable log summarization tool for SREs using a hybrid RAG pipeline and online learning (River) for root cause prediction with 85% accuracy — designed to handle high-volume, continuously evolving incident data.
- Implemented an adaptive online model with feedback integration, outperforming XGBoost and Decision Trees by learning from new patterns without full retraining, enabling real-time reliability at scale.

DubFlow (*React.js, Node.js, Express, gTTS, FFmpeg*) Github

Jun 2025

- Developed a multilingual dubbing tool for YouTube using Node.js and FFmpeg, supporting 32+ languages with a distributed audio processing pipeline.
- Implemented intelligent fallback mechanisms for missing transcripts and translation failures, improving end-to-end system reliability.

Roles & Responsibilities

Head of Web Development – DSAC IT Club, Vasavi College of Engineering

- Led web development sessions, interviewed juniors, and contributed to designing and debugging club projects.
- Developed and deployed the official ACUMENIT tech fest website end-to-end.

Certifications

- **OCI :** OCI Foundations Associate
- **NPTEL:** Programming in Java (Top 1%), The Joy of using Python (Top 1%)
- **Oracle Dev Gym and CCNAV7: Introduction to Networks**

Achievements

- Merit Certificates for academic excellence in first and second year.
- **Codezee (3rd)** and **Krithomedh (5th)** coding competitions.
- **CodeChef 2-Star**, solved 400+ problems on leetcode and codechef – **CodeChef Profile**.