

# BHARADWAJ REDDY VANCHA

Hyderabad, Telangana

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## PROFESSIONAL SUMMARY

Full-stack developer with hands-on experience in frontend, backend, cloud, and DevOps (Docker, Kubernetes). Proven ability to lead and support teams, resolve conflicts, and foster collaboration. Quick to adapt and learn new technologies, with a strong focus on building scalable, impactful solutions. Currently exploring roles in cloud and DevOps engineering.

## EDUCATION

**Keshav Memorial Institute of Technology**

**2022 – 2026**

*Bachelors in Computer science - CGPA : 8.74*

*Hyderabad, Telangana*

## TECHNICAL SKILLS

**Programming Languages:** Python, Java, C++, JavaScript, TypeScript, C

**Web Technologies:** MERN Stack, React.js, FastAPI, Flask, MongoDB, PostgreSQL

**Cloud & DevOps:** AWS (EC2, EBS, VPC), GCP, Docker, Kubernetes, GitHub Actions, Git

## PROJECTS

**SkillSage (AI- Mock Interview System)** 🔗 | [PERN Stack, REST API, AI, WebOS](#)

**04/2024**

- Built and deployed a **full-stack interview platform** used by over **150** students at NGIT, receiving a **4.2/5** satisfaction rating.
- Designed a scalable **multi-tier admin system** (app-level and college-level admins) for organizing and monitoring interviews.
- Integrated **text and voice-based** mock interviews with AI-powered, **context-aware question generation** based on resumes and topics.
- Developed **student dashboards with performance analytics** for interview tracking and feedback, including a **WebOS-compatible version for LG TVs** optimized for large-screen displays.
- Led the deployment, cloud architecture, and team coordination** for a successful large-scale pilot run, ensuring smooth execution for over 150 students.
- [GitHub Repo: https://github.com/Bharadwajreddy1406/sksage](https://github.com/Bharadwajreddy1406/sksage)

**ReviewBot (AI Product Review Analyzer)** 🔗 | [MERN Stack, FastAPI, Ollama,,HuggingFace](#)

**12/2024**

- Built a **scalable, cross-platform AI chatbot** that analyzes up to **200 Amazon product reviews in under 5 seconds** using **Natural Language Processing (NLP)** and **RAG**.
- Implemented backend services using **Node.js** and **FastAPI**, managing data and storage with **MongoDB**.
- Deployed and scaled the application on **Google Cloud Platform (GCP)** with production-grade configurations.
- [GitHub repo: https://github.com/Bharadwajreddy1406/ReviewBot](https://github.com/Bharadwajreddy1406/ReviewBot)
- [live URL](#)

**OU Results Scraper Tool** 🔗 | [Python, Flask, HTML, CSS, JavaScript](#)

**09/2023**

- Built a web scraper to automate Osmania University result processing for OU affiliated colleges, reducing manual entry from **2–3 days to 1 minute**.
- Processes up to 200 student results per minute using multi-threaded scraping logic.
- Currently **deployed and actively used** by exam branches of NGIT and KMEC to accelerate student result workflows.
- Designed a responsive, user-friendly interface tailored for non-technical staff, eliminating **99%** of repetitive manual work.
- [Live Demo](#)

## ACHIEVEMENTS & AWARDS

- Top 25 Finalist at Bhasha Bandhu Hackathon (Microsoft Azure & Bhashini API) – Ranked nationally among **Top 25** teams out of thousands for building a multilingual legal support tool using Bhashini API.
- Winner at Internal Hackathon in KMIT
- Winner at Code Purple Project Expo by **IEEE** at Muffakham Jah College
- Finalist in HackXcelerate Hackathon by **Microsoft and ByteXL** at CBIT