

BHARGAVI KETHA

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OBJECTIVE

Aspiring Software Engineer with strong foundations in full-stack development and AI systems. Seeking to leverage problem-solving and software engineering skills to build scalable and impactful solutions.

EDUCATION

B.Tech in Computer Science

Swarnandhra College of Engineering and Technology

2022 – 2026

CGPA: 8.54

TECHNICAL SKILLS

- Languages:** C, Python
- Frontend:** HTML, CSS, JavaScript, ReactJS
- Backend:** Django
- AI/ML:** CNNs, NLP, YOLOv9
- Cloud:** AWS EC2, S3, IAM
- Database:** MySQL
- Core CS:** Data Structures & Algorithms, OOP, DBMS, Operating Systems, Computer Networks, SDLC
- Tools:** Git (Version Control), GitHub, VS Code

PROJECTS

AI-Based Resume Ranking System

ongoing

- Developed an AI-powered web application to automate large-scale resume screening.
- Integrated YOLOv9 for resume section detection and NLP-based semantic matching for ranking.
- Optimized job-resume similarity scoring pipeline, improving ranking efficiency for large datasets.
- Tech Stack:** Python, Django, ReactJS, MySQL

AI Crop Disease Detection

2025

- Built CNN-based image classification model achieving 92% accuracy.
- Implemented preprocessing and evaluation pipeline for improved prediction performance.
- Tech Stack:** Python, TensorFlow, OpenCV

Web Application Deployment on AWS

2024

- Deployed and configured web application on AWS EC2 with secure networking setup.
- Implemented Nginx configuration and IAM-based access control.
- Tech Stack:** AWS EC2, Linux, Nginx

EXPERIENCE

Cloud Virtual Internship – AWS

2024

- Worked with EC2, S3, IAM, and Elastic Load Balancer for cloud infrastructure setup.
- Configured VPC networking and implemented secure access control policies.
- Assisted in deploying and monitoring web applications in AWS environment.

CERTIFICATIONS

AWS Cloud Practitioner | Zscaler Zero Trust Associate | CCNA Introduction to Networks