DARSHAN SIMPI

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SUMMARY

Motivated and detail-oriented Computer Science student with hands-on experience in AI, cloud, and full-stack development. Skilled in designing efficient, scalable systems and passionate about building technology that drives measurable real-world results.

EDUCATION

Bachelors in Computer Science — 8.97 CGPA (85.22%)
Srinivas University, Mangluru — 2022 - 2026

Pre-University Course (PUC) — 75.33%
Sri Gurukula pu college ,Tiptur — 2020 - 2022

Secondary School Leaving Certificate (SSLC) — 86.23%
VVS high School ,Harpanhalli . — 2017 - 2020

INTERNSHIP

- **MERN Stack Intern – WSA (Ongoing)**
  Developed full-stack applications using MongoDB, Express.js, React.js and Node.js. Implemented REST APIs and responsive UI designs.
- **Web Development Intern – Cognifyz Technologies**
  Created responsive web pages, integrated APIs, and enhanced site performance for improved interactivity.
- **Intern – SMAGRA Technologies**
  Built mobile apps with Flutter and Firebase for real-time data synchronization and intuitive UI.

TECHNICAL SKILLS

- Languages: Java, Python, C, SQL, JavaScript ,HTML,CSS
- Databases: MySQL, Hadoop
- Tools: Git, GitHub, VS Code, Eclipse
- Concepts: OOPs, Power BI, Data Analytics, Cloud Computing Operating Systems: Windows, Linux (Ubuntu)

PROJECTS

Cloud-Based Attendance System

- Developed a cloud-hosted attendance management platform using React, Node.js, and Firebase.
- Designed secure authentication and role-based access control, integrated real-time data synchronization, and built an analytics dashboard reducing manual tracking by 60%.

FaceTrace AI (Forensic Face Construction and Recognition System)

- Engineered an AI-powered forensic system using Python, OpenCV, and TensorFlow to reconstruct and recognize faces from partial images.
- Optimized CNN model accuracy to 92% and reduced processing time for investigative datasets.

Real-Time Face Emotion Recognition

- Built a CNN-based model using Python and OpenCV to detect and classify emotions in live video feeds.
- Enhanced real-time performance using frame optimization and GPU acceleration achieving 80% accuracy.

AI-Based Plant Disease Detection and Suggestion System

- Created a ML model with TensorFlow and Keras to identify plant diseases from images.
- Developed a Flask-based interface that provides treatment recommendations; findings published in JETIR Journal.

CERTIFICATIONS

- DevOps Fundamentals – IBM
- Cloud Computing – Certiport
- Data Analytics – Certiport
- HTML5 Application Development – Certiport
- Generative AI Application Design & Development – Udemy

ACHIEVEMENTS

- Published research paper 'AI-Based Plant Disease Detection and Diagnosis' in JETIR Journal (ISSN: 2349-5162).
- Led multiple team-based software development projects.
- Participated in coding challenges and technical workshops.

CAREER SKILLS

Problem Solving
Adaptability
Teamwork
Communication
Time Management

AREA OF INTEREST

AI/ML
Full-Stack Development
Data Science
Cloud Computing

HOBBIES

Travelling
Trekking
Cooking
Learning New Technology