

KHAVIYA SRRE

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PROFILE

Tech enthusiast with hands-on experience in AI ML and cloud technologies. I love experimenting with new ideas, solving problems creatively, and continuously improving my skills in software and AI. Demonstrates strong problem-solving skills and works collaboratively with cross-functional teams to drive the successful implementation of cloud solutions. Passionate about keeping pace with emerging technologies and committed to delivering innovative cloud solutions in a fast-paced environment.

EDUCATION

SRMIST Kattankulathur CSE w/s Cloud Computing, B.Tech	2021 – May 2025 Chennai, India
Sri Chaitanya Techno School 12th Grade, CBSE	2020 – 2021 Chennai, India
Sri Chaitanya Techno School 10th Grade, CBSE	2018 – 2019 Chennai, India

EXPERIENCE

Machine Learning Engineer Intern — VCodez - Developed and optimized ML models improving prediction accuracy and performance. Preprocessed datasets using Python, Pandas, NumPy, and automation scripts - Trained and evaluated models using Scikit-Learn / TensorFlow / PyTorch. Performed feature engineering & hyperparameter tuning for improved model results. Participated in model deployment & documentation for production usage	Sep 2025 – Present Chennai
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TECHNICAL SKILL

Programming Proficiency - Python C++ C JavaScript MySQL MongoDB
Tool Proficiency - AWS Azure Docker Kubernetes Terraform VMware Linux Git Jupyter Notebook
Conceptual Competency - Cloud Architecture & Infrastructure Design Linux System Administration Containerization & Orchestration (Docker, Kubernetes) Cloud Security & Compliance Infrastructure as Code (IaC)

SOFT SKILLS

Teamwork | Leadership | Problem-solving | Interpersonal Skill | Conflict Resolution & Adaptability

PROJECTS

Forensic Integrity via Blockchain 🔗 - Developed a blockchain-based solution to ensure integrity and immutability of digital forensic evidence, enhancing trust, transparency, and security in forensic investigations.	Nov 2024 – Apr 2025
IoT-Based Home Automation System - Developed an IoT system for remote appliance control using ESP8266/Raspberry Pi and MQTT protocol, ensuring secure communication and energy-efficient automation with an intuitive UI.	Jan 2024 – Nov 2024
Sleep Survey Website 🔗 - Developed a responsive site for sleep surveys using HTML, CSS, and JavaScript. Utilized MongoDB for secure data storage and Python Flask for real-time analysis and feedback.	Feb 2024 – May 2024

CERTIFICATES

- Cloud Security Foundation AWS_Academy
 - Python Certificate
- Web Development training Completion certificate
- Introduction to parallel programmig with CUDA Coursera

POSITION OF RESPONSIBILITY

- Public Relations Head - Cloud and DevOps Club**

- Influenced PR efforts for the Cloud and DevOps Club, promoting events and initiatives.

Aug 2023 – May 2025
- Cultural Head, The Grad Society (Alumni Cell of NWC Department) - The Grad Society**

- Directed cultural activities for The Grad Society, fostering alumni engagement.

Jul 2023 – May 2025
- Event Management Head, NWC Association - NWC Association**

- Managed event planning and execution for the NWC Association.

Feb 2024 – May 2025

CONFERENCES AND WORKSHOPS

- DevOps Workshop**

- Gained hands-on experience with tools such as Jenkins, Docker, and Kubernetes for automating software delivery processes.

Feb 2023
- DynamoDB workshop**

- Acquired skills to design and manage scalable NoSQL databases using AWS DynamoDB.

Sep 2022

LANGUAGES KNOWN

- Telugu
- Tamil
- English
- French