

KHAVIYA SRRE

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 Chennai, India

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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

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

Nov 2024 – Apr 2025

- Developed a blockchain-based solution to ensure integrity and immutability of digital forensic evidence, enhancing trust, transparency, and security in forensic investigations.

IoT-Based Home Automation System

Jan 2024 – Nov 2024

- 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.

Sleep Survey Website

Feb 2024 – May 2024

- 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.

CERTIFICATES

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

POSITION OF RESPONSIBILITY

Public Relations Head - Cloud and DevOps Club

Aug 2023 – May 2025

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

Cultural Head, The Grad Society (Alumni Cell of NWC Department) - The Grad Society

Jul 2023 – May 2025

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

Event Management Head, NWC Association - NWC Association

Feb 2024 – May 2025

- Managed event planning and execution for the NWC Association.

CONFERENCES AND WORKSHOPS

DevOps Workshop

Feb 2023

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

DynamoDB workshop

Sep 2022

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

LANGUAGES KNOWN

- Telugu
- Tamil
- English
- French