

SRI KRISHNA SUDHINDRA GUNDUMI

B.Tech CSE Student | AI & Full Stack Development | Innovation-driven Technologist
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Education

K L E F Deemed To Be University – B.Tech Computer Science and Engineering	2023 – 2027
GPA: 9.5 / 10	Vijayawada, India
AP Model School & JR College – Class XII	2021 – 2023
GPA: 8.9 / 10	Palnadu, India
AP Model School & JR College – Class X	2020 – 2021
GPA: 9.5 / 10	Palnadu, India

Experience

The Depository Trust & Clearing Corporation (DTCC) <i>IT Intern</i>	May 2026 – Jul 2026
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- Developed features for the **Position and Trade Reconciliation (PTR)** platform within an enterprise microservices architecture.
- Built responsive user interfaces using **React** and implemented backend REST services using **Spring Boot**.
- Implemented asynchronous, event-driven communication across services using **Apache Kafka**.
- Integrated enterprise data persistence with **Oracle SQL** while collaborating in an Agile development environment.

Patents and Publications

Biometric-based Voting System with Multi-layer Authentication

Application No: IN202541073801

Published: Aug 2025 (Journal No. 34/2025)

Invented a secure biometric-driven voting system integrating multi-layer authentication to prevent voter impersonation and enhance electoral transparency.

DigiChit: A Digitalized Chit Fund Management System Using Automated Mandate Processing

Application No: IN202541098116

Published: Nov 2025 (Journal No. 46/2025)

Developed a MERN-based FinTech solution enabling digital chit fund management with automated mandate processing, secure eKYC verification, and transparent transaction processing.

Skills

Languages: Java, JavaScript, Python, C/C++

Core CS: Data Structures & Algorithms, Object-Oriented Programming, DBMS, Operating Systems

Frontend: React.js, HTML, CSS

Backend: Spring Boot, Node.js, Express.js, REST APIs, Microservices

Databases: Oracle SQL, MongoDB, MySQL, SQL, Database Design

Messaging: Apache Kafka

Cloud & DevOps: AWS, Microsoft Azure, Docker, Git, GitHub, CI/CD

Software Engineering: SDLC, Agile/Scrum, Unit Testing, JUnit, Debugging, API Development, Version Control

Soft Skills: Leadership, Team Management, Collaboration, Problem Solving, Adaptability

Certifications

AWS Certified Cloud Practitioner | Azure Developer Associate | MongoDB Database Administrator | MongoDB Java Developer | MongoDB Node.js Developer | ServiceNow CSA | GitHub Foundations | Salesforce AI Associate

Projects

FaceAttend	May 2024 – Present
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- Developed a facial recognition attendance system using FaceNet, OpenCV, TensorFlow, and Flask.
- Implemented anti-spoofing and multi-layer authentication for secure identity verification.
- Built a dashboard for attendance analytics and real-time management.

DigiChit	Jan 2025 – Present
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- Developed a MERN-based digital chit fund management platform with secure transaction processing.
- Integrated eKYC verification and automated mandate processing.
- Patent published for the system architecture enabling fraud prevention and operational transparency.

Languages

English (Proficient), Hindi (Advanced), Telugu (Native), Kannada (Advanced)