

CHENNAM PAVAN KUMAR

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PROFESSIONAL SUMMARY

Computer Science & Engineering graduate (AI & ML) with hands-on expertise in Python, Java, React.js, Node.js, and Scikit-learn, complemented by internships spanning Salesforce CRM development, Android application engineering, and web security. Experienced in building end-to-end web applications, training ML classification models, and implementing secure, scalable systems. Holds certifications in Generative AI, AWS Cloud, and MongoDB, with a solid grounding in data structures and agile software engineering principles.

TECHNICAL SKILLS

Programming Languages: Python, Java, SQL, ML

Frontend / Backend: React.js, Node.js, Express.js,

Databases: MongoDB, SQL

Cloud / DevOps: AWS (Cloud Practitioner), Salesforce Platform

Tools: Android Studio, VS Code, GitHub, Anaconda

INTERNSHIP EXPERIENCE

Software Developer Intern — Ethical Hacking

Sep 2025 – Nov 2025

- Conducted vulnerability assessments and penetration testing on web applications, identifying and documenting critical security loopholes.
- Developed and executed scripts to simulate real-world attack scenarios, strengthening application-level security awareness.
- Collaborated with team to propose and implement security hardening recommendations across web application layers.

Android Developer Intern — Google Android Developer Program

Apr 2024 – Jun 2024

- Built and tested Android applications in Java using Android Studio, following Material Design guidelines for optimized UX.
- Implemented UI components, activity lifecycle management, and API integrations in mobile applications.
- Gained hands-on exposure to Google's development ecosystem and best practices for mobile app deployment.

Salesforce Developer Virtual Intern — Salesforce

Aug 2023 – Oct 2023

- Developed Lightning Web Components (LWC) and automated workflows using Salesforce Process Builder and Flow.
- Configured and customized Salesforce CRM using declarative tools and Apex programming; performed Apex testing.
- Implemented security controls and access governance to ensure data integrity across the platform.

KEY PROJECTS

Weather Prediction System — Python, Scikit-learn, Pandas, NumPy

2026

- Engineered an ML classification model using historical meteorological datasets with preprocessing: null handling, normalization, and outlier removal.
- Applied feature engineering and selection pipelines to extract meaningful patterns, improving prediction precision and model reliability.

React.js Authentication & UI Component App — React.js, JavaScript

2024

- Architected a secure user authentication module with protected routing, account registration, and login workflows.
- Built reusable interactive card components using React Hooks for state management with a fully responsive UI.

EDUCATION

B.Tech — Computer Science & Engineering (AI & ML)

2022 – 2026

Kallam Haranadhareddy Institute of Technology, Guntur, Andhra Pradesh | CGPA: 7.03 / 10.0

CERTIFICATIONS

- Generative AI — IBM SkillsBuild
- AWS Cloud Quest: Cloud Practitioner — Amazon Web Services
- MongoDB Certified Associate Developer — MongoDB University
- Programming Essentials in C++ — Cisco