Niharika Sreekakulapu

Machilipatnam, India | 9391171711 | neeharikasreekakulapu@gmail.com | linkedin.com/in/niharikasreekakulapu/

github.com/Niharika-Sreekakulapu/

PROFESSIONAL SUMMARY

B.Tech Computer Science student (2026 pass-out) with strong skills in software development, full stack engineering, and AI/ML applications. Experienced in building scalable web applications, backend REST APIs, cloud deployments, and Java-based solutions. Skilled in problem-solving, debugging, and Agile collaboration, with a proven record of delivering impactful academic and personal projects. Seeking software engineering opportunities across Java, Web Development, AI/ML, and Full Stack domains.

TECHNICAL SKILLS

- Languages: Java, C, Python, JavaScript, Go
- Frameworks & Libraries: Spring Boot, React.js, Node.js, Flask, TensorFlow, Scikit-learn
- Web Technologies: HTML, CSS, JavaScript
- Databases: MySQL, MongoDB
- Cloud & Tools: IBM Watsonx, IBM Cloud, Git, VS Code, Eclipse, XAMPP
- Core Competencies: Data Structures & Algorithms, Problem Solving, Debugging, Agile

EDUCATION

BTech in Computer Science and Engineering | Seshadri Rao Gudlavalleru Engineering College, Andhra Pradesh |
2022 – 2026 (Expected) | CGPA: 9.2

Intermediate (ISC) | St. Francis English Medium Higher Secondary School | **2020 – 2022** | 92%

10th (ICSE) | St. Francis English Medium School | **2020** | 95%

PROJECTS

HealthAI: AI-Powered Healthcare Chatbot – Full Stack Developer | Mar 2025 – Apr 2025
- Built a Streamlit-based chatbot using IBM Watsonx for disease prediction and treatment planning.
- Integrated Chart.js visualizations for health analytics dashboards.

MediQueue: Smart Hospital Queue Management System – Backend Developer | Jun 2025 – Jul 2025
- Built backend REST APIs in Node.js with MongoDB integration for hospital queue tracking.
- Implemented role-based access control, enabling real-time updates for staff/patients and improving efficiency by ~30%.

Car Price Prediction - Machine Learning Engineer | May 2025 - Jun 2025
- Designed and trained a machine learning model improving prediction accuracy from 82% to 91%.
- Used Python, Scikit-learn, and feature normalization for better results.

AI-Powered To-Do List – Full Stack Developer | Jul 2025 - Aug 2025
- Developed full-stack task management app with CRUD operations.
- Added AI-powered priority suggestion using keyword analysis.

Music Streaming User Classification using Data Mining & OLAP - Data Analyst | Sep 2024 – Oct 2024
- Developed a data warehouse (Star, Snowflake, Fact Constellation) in SQL Server.
- Applied OLAP (MDX) and Random Forest, achieving 90.2% accuracy.

EXPERIENCE

Generative AI with IBM Cloud Intern – IBM SkillsBuild | Jun 2025 – Jul 2025
- Developed AI-driven applications using IBM Watsonx APIs and Python.
- Integrated REST APIs for real-time data processing and analytics.
- Deployed solutions on IBM Cloud, enhancing response speed by 20%.

Machine Learning Intern – Smart Internz | Jun 2024 – Jul 2024
- Implemented classification algorithms and data preprocessing pipelines using Scikit-learn.
- Optimized model accuracy to 90%+ by tuning parameters and improving feature selection.

Artificial Intelligence Intern – YHills | Feb 2024 – Apr 2024
- Built and tested deep learning models with Python and TensorFlow.
- Applied data preprocessing and augmentation techniques to improve model robustness.

CERTIFICATES

- Introduction to Data Science with Python - HarvardX
- Certificate in C, Java, Python - JNNYC
- Git Version Control - Udemy