SATHAVI

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LinkedIn | GitHub

SUMMARY

Enthusiastic and detail-oriented B. Tech ECE graduate passionate for technology and innovations. Eager to contribute to dynamic business environments by applying skills in Java, C#, Basic of Python, and web technologies while continuously enhancing technical and professional capabilities.

EDUCATION

B. Tech - Electronics and Communication Engineering — Graduated Jun 2025

Achariya College Of Engineering Technology

CGPA: 8.0/10

SKILLS

Languages: Java, C#, SQL, JavaScript, Python (Basic)

Web / Frontend: HTML, CSS, React.js (Basics), GitHub

Cloud Computing: AWS (EC2, S3, IAM – basics)

Data Analysis & Visualizations: NumPy, Pandas, Matplotlib, Seaborn

Machine Learning: Data Cleaning, Model Training & Evaluation

Soft skills: Communication, Team Collaboration, Problem-Solving

ACADEMIC PROJECT

Smart Grid Communication for Fault Type Diagnosis in Transmission Lines using Deep Learning — Jan – Apr 2025

Technologies Used: Deep Learning, Python, Data Analysis

- Built an intelligent system using deep learning models to diagnose multiple fault types in power transmission lines
- Designed and implemented smart grid communication modules for real-time data transmission
- Improved fault detection accuracy by 15% through optimized model training and feature engineering
- Handled data preprocessing, model evaluation, and performance metrics analysis

INTERNSHIPS

Java Web Application Development — Feb 2024 – Mar 2024

- Developed mini-projects using JSP/Servlets architecture
- Built web applications with MVC design patterns
- Gained hands-on exposure to AWS EC2 and S3 by deploying a Java web application
- Built basic user interfaces using React.js with reusable components and state handling.

SAP SD Hands-on Workshop — Aug 2024 – Sep 2024

- Understood end-to-end business process flows and order management
- Gained practical knowledge of enterprise resource planning systems

CERTIFICATIONS

- Java Programming Certification – Besant Technologies
- Java Bootcamp – Lets Upgrade (Frameworks)
- Naukri Campus Young Turks 2025 – Merit Certificate with **94.92%** score

LANGUAGES

Tamil (Native)

English (Professional)