# DILLI BABU

## Information Technology Graduate

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## SUMMARY

I am a motivated Information Technology graduate with robust analytical abilities and problem-solving skills. My goal is to apply my knowledge of software development in enhancing innovative projects within a dynamic organization. I have hands-on experience with several programming languages and tools, as well as significant contributions to projects and internships that focus on Data science, Backend development and Web Development.

## EXPERIENCE

### Data Science Intern

**National Small Industries Corporation - NSIC**

📅 JAN 2024 - FEB 2024  📍 Chennai

A government organization supporting the growth of small industries

- Worked on predictive models such as Sales Prediction, House Price Prediction, and TB Probability Analysis
- Performed data cleaning, feature selection, and built model training pipelines.
- Gained hands-on experience with Python, NumPy, Pandas, and Matplotlib

### Software Developer Intern (On-Site)

**The Right Hand**

📅 APR 2025 - JUL 2025  📍 Chennai

Software development work contributing to various projects

- Developed and maintained web applications using React.js and TypeScript in an onsite setting.
- Integrated PostgreSQL for efficient data handling and storage.
- Practiced Git-based version control and Agile methodologies.
- Resolved UI/UX bugs and contributed to code reviews and sprint planning.

## EDUCATION

### B.Tech in Information Technology

**Vel Tech HighTech Dr.Rangarajan Dr.Sakunthala Engineering College**

📅 AUG 2021 - MAY 2025  🎓 CGPA - 7.48

### Higher Secondary Certificate (HSC)

**SanthomeHigherSecondarySchool**

📅 JUN 2020 - MAY 2021  🎓 81%

### Secondary School Leaving Certificate (SSLC)

**SanthomeHigherSecondarySchool**

📅 JUN 2018 - MAY 2019  🎓 73%

## KEY ACHIEVEMENTS

🏅 **Hackathon Winner and Research Presentation**

- Achieved third place in the GenAI Data Sprint Hackathon.
- Presented a research paper at a Scopus-indexed conference
- NPTEL - Programming in Java

## SKILLS

Python  GitHub  Machine Learning  CSS  Git  HTML  Java  Matplotlib  Gen AI  NumPy  Object-Oriented Design  Pandas  PostgreSQL  React  TypeScript  Unity  Visual Studio Code  Version Control  Agile/Scrum  SDLC  Software Developer  FAST API

## PROJECTS

### Price Forecasting for Food Commodities

📅 JUL 2024 - SEP 2024

A project focused on predicting food commodity prices using advanced algorithms.

- Developed a time-series forecasting model to predict price fluctuations
- Improved prediction accuracy by applying LSTM and ARIMA algorithms

### Automated Question Builder

📅 OCT 2024 - DEC 2024

An innovative tool leveraging AI for educational purposes

- Built an AI-powered tool that generates custom question sets
- Optimized performance using vector-based similarity search

### SaaS Platform (Internship Project)

📅 MAR 2025 - JUL 2025  📍 Chennai

Built and improved production-level web applications during internship.

- Developed reusable components, implemented routing and state management.
- Integrated PostgreSQL database and ensured responsive UI/UX design.