

# DILAN P

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## EDUCATION

### Rajalakshmi Institute of Technology

Bachelor of Technology in Artificial Intelligence and Data Science

Chennai, IN

Nov. 2020 – May 2024

### St.Joesph Matriculation Higher Secondary School

SSLC AND HSC

Nagercoil, IN

Jun. 2017 – Mar 2020

## EXPERIENCE

### Research Assistant

Academic Project

June 2022 – Dec 2023

Chennai, IN

- Conducted qualitative and quantitative research for academic projects
- Analyzed data and presented findings in reports and presentations
- Collaborated with team members to meet project deadlines and objectives

## PROJECTS

### Stock Market Information Retrieval, Decision Support System | *Langchain, CrewAi* Jan 2024 – May 2024

- Developed a detailed summarizer for multiple information about company stock
- Implemented with the help of GeminiPro LLM and Web search data connected with langchain
- Through CrewAi, Multiple Agents are implemented to process input and output

### Stock Market Prediction and Dashboard Development | *Pandas, Matplotlib* Jan 2023 – Jun 2023

- Developed a stock price prediction project using LSTM, with the help of multiple stock dataset
- Implemented data preprocessing, LSTM model training and developed an interactive dashboard
- Used plotly dash for comprehensive stock analysis

### Personal Virtual Private Network | *AWS, OpenVpn, Cloud Platforms* Nov 2022 – Dec 2022

- Developed a Virtual Private Server with the help of Cloud Platforms
- Implemented an Virtual machine on the Cloud server, called EC2 Instance in AWS. Through we generate a key pair for SSH access
- Published a blog article on How to Do on my Blog Website

## HACKATHONS

### UNNATI | *Intel* Nov 2023 – Jan 2024

- Worked on a ADAS vehcile data which was given by the jury and provided a valid dataset insight report
- Implemented the insights and findings with the help of data visualization tool
- Done different analysis and added much more findings on the provided dataset for improvement

### TECHGIUM | *Larsen and Toubro* Nov 2022 – Mar 2023

- Developed a novel state estimation method for Li Po battery through estimation algorithms
- Implemented with the help of Arduino and EKF algorithm
- Cleared Three rounds and awarded as “The Most Engaging Team”

## TECHNICAL SKILLS

**Languages:** Python, SQL, JavaScript, HTML5/CSS3

**Frameworks:** React, Astro, WordPress, Material-UI

**Developer Tools:** Git, OpenVpn, Figma, Docker, Netlify, AWS, Firebase, Visual Studio Code

**Productive tools:** MS Excel, Powerpoint, Word

**Libraries:** pandas, NumPy, Matplotlib