

# Neha P S

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A **third-year B.Tech student** in **Artificial Intelligence and Data Science** with a keen interest in developing knowledge in data analytics, machine learning, and programming. Committed to learning, improving technical abilities, and gaining practical experience. Seeking an internship opportunity to enhance skills and contribute to projects in a professional environment.

## Education

<b>Bachelor of Technology - Artificial Intelligence and Data Science</b> St Joseph's College of Engineering and Technology, Palai Current CGPA: 8.44	2022 – Present
<b>Higher Secondary</b> St Ephrems Higher Secondary School, Mannanam State Board	2020 – 2022

## Internship Trainings

<b>Intern</b> , Software Development, LionOrbit Tech Solutions Pvt. Ltd.	June 2025
<ul style="list-style-type: none"><li>Completed 1-month internship in healthcare dashboard development using Plotly and Dash. Built interactive dashboards with user filters, absolute/percentage toggles, reset controls, and theme customization.</li></ul>	
<b>Building a Foundational AI Project</b> , AccelerateX	November 2024
<ul style="list-style-type: none"><li>Completed a 5-day internship on building a foundational AI project at MA College of Engineering, Kothamangalam, organized by AccelerateX (October 2024), gaining hands-on experience in AI modeling, data processing, and project development.</li></ul>	
<b>Python and SQL</b> , KELTRON Knowledge Centre, Palai	July 2024
<ul style="list-style-type: none"><li>Area of exposure: Introduction to Python programming, control statements, functions, modules, database connectivity, MySQL, GUI</li></ul>	
<b>Cyber Security and Ethical Hacking Internship</b> , TechMaghi, Kerala Startup Mission, Kalamassery	May 2023
<ul style="list-style-type: none"><li>Gained hands-on experience in ethical hacking, reconnaissance techniques, vulnerability assessment, and network security.</li></ul>	

## Projects

<b>AI-Powered Chatbot for Customer Churn Management in Telecom Sector</b>	
<ul style="list-style-type: none"><li>Developed a system combining predictive analytics and conversational AI to predict churn and engage high-risk customers through an integrated chatbot and automated messaging.</li></ul>	
<ul style="list-style-type: none"><li>Tools Used: Python, Random Forest, Flask, Twilio, Telegram, Google Gemini API, HTML, CSS, JS</li></ul>	
<b>AI-Based Farmers' Disease Detection</b>	
<ul style="list-style-type: none"><li>An AI-based solution for animal disease detection using text recognition in second year of college as part of SIH 2024</li></ul>	
<ul style="list-style-type: none"><li>Tools Used: Naive Bayes Classifier</li></ul>	

## Certifications

<ul style="list-style-type: none"><li><b>Data Science for Engineers</b>, NPTEL Completed 8-week course. Certificate ID: NPTEL25CS20S438200420</li></ul>	Jan–Mar 2025
<ul style="list-style-type: none"><li><b>Artificial Intelligence and Machine Learning Training Course</b>, Infosys Springboard Successfully completed the course on August 28, 2024.</li></ul>	Aug 2024

## Achievements and Co-Curricular Activities

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- **Deloitte Australia Data Analytics Job Simulation on Forage - April 2025**
  - Completed a Deloitte job simulation involving data analysis and forensic technology
  - Created a data dashboard using Tableau
  - Used Excel to classify data and draw business conclusions
- **Secured 1st place** in the Ideathon at Adwika Technical Fest, MES College of Engineering and Technology, Ernakulam (Feb 2025).
- **Volunteered** in organizing technical events and seminars at SJ CET.

## Technologies

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**Languages:** Python, C++, R

**Tools and Technologies:** Jupyter Notebook, Google Colab

**Areas of interest:** Data Science, Artificial Intelligence, Machine Learning

**Database:** SQL (Basic)

**Soft skills:** Teamwork, Communication, Problem solving