

Nivethakumari Rajnikandh

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Summary

Aspiring Data Scientist with experience in Data Analytics, Predictive Modeling, and Data Visualization using Python, SQL, and Power BI. Proficient in Exploratory Data Analysis, Data Cleaning, and Feature Engineering with foundational knowledge in AWS and Google Cloud. Interested in learning more about Data Science and AI.

Skills

C, Python, HTML, CSS, Javascript, SQL, Communication, Teamwork

Experience

Prodigy Infotech

Dec 2024 - Jan 2025

Student Intern

Chennai

- Cleaned and analyzed **1000+ rows** of Titanic dataset, improving model accuracy by **15%** using feature engineering.
- Created visualizations using Power BI to highlight survival trends, improving data-driven insights.

Google Generative AI

Oct 2024 - Dec 2024

Student Intern

Chennai

- Developed AI-driven text-to-image generation models, improving accuracy by **20%** through prompt optimization.
- Experimented with NLP models to enhance chatbot performance, leading to **30% better response accuracy**.

AWS Data Engineering

Jan 2024 - Mar 2024

Student Intern

Chennai

- Constructed an ETL pipeline using AWS Lambda and S3, reducing data processing time by **30%**.
- Managed **500K+ records** using AWS Redshift, optimizing query efficiency by **25%**.

Projects

Online Voting System | [Github Link](#)

Mar 2024 - May 2024

· Java AWT

- Built a Java AWT-based voting system with secure vote submission, used by **50+ test users** with **zero security breaches**.
- Implemented an interactive GUI for better user engagement and efficiency.

Temperature Convertor | [Web Hosting](#)

Oct 2023 - Dec 2023

· HTML, CSS, JAVASCRIPT

- Developed a Temperature Converter used by **500+ users**, achieving a **95% accuracy** in unit conversion.
- Improved JavaScript skills by implementing real-time calculations and error handling for better UX.

Certifications

Demystifying Networks

Aug 2024 -

NPTEL

- Silver Elite Certification (above 80%)

Fundamental Algorithm: Design and Algorithm

Feb 2024 -

NPTEL

- Elite Certification (above 60%)

Introduction to Operating System

Sep 2023 -

NPTEL

Volunteering

Kaveri High School

Jun 2024 - Jul 2024

Student Teaching · Part of Community Connect

- Taught science to **50+ students**, improving engagement through hands-on experiments and quizzes.
- Developed communication and mentoring skills, inspiring young students to explore science with curiosity.

Conferences and Workshops

Data Engineering Workshop

Feb 2025

SRMIST, VDP

- Completed workshop on data engineering, working on real-world case studies.
- Learned about the importance of data engineering in managing, processing, and transforming raw data for analysis.

Cyber Security Workshop

Feb 2024

WHHC Club · SRMIST, VDP

- Gained foundational knowledge of cyber threats, network security, encryption, and ethical hacking.
- Implemented **5+ practical techniques** for securing systems and identifying vulnerabilities.

Languages

Tamil [Native Proficiency], English [Professional Working Proficiency], French [Fundamental Proficiency], Hindi [Elementary Proficiency]

Links

[LinkedIn](#), [GitHub](#)

Education

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, VADAPALANI CAMPUS

Aug 2022 - Present

B.Tech · Computer Science and Business System · Chennai

9.40 GPA

- Recipient of a performance-based scholarship for securing 9.6 CGPA in the second year