SOUMYODEEP NAYAK

B.Tech Undergraduate

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○ github.com/soumyo2004

SKILLS

- **Programming Languages**: Python, C/C++, HTML, CSS
- **Data Analysis**: MySQL, Power BI/Tableau, MS Excel
- **Libraries/Frameworks**: Numpy, Pandas, Matplotlib, Scikit-learn
- **Tools**: Git, Google Collab, VS Code, Overleaf (LaTeX)
- **Technical Skills**: MS Word, MS PowerPoint
- **Soft Skills**: Teamwork, Communication Skills, Problem solving, Creativity
- **Languages Known**: English, Hindi, Bengali

EXPERIENCE

Data analyst Intern
Saint Louis University

📅 August 2023 – September 2023   📍 Missouri, United States (Remote)

- Enhanced decision-making by providing 12+ insights through data cleaning, validation, and visualization using tableau.
- Ensured 95% data quality by applying robust statistical methodologies.

Tech Intern
The Bright Network

📅 June 2024 (2 weeks)   📍 London, United Kingdom (Remote)

- Developed a six-month product roadmap for a fitness app, Run-Wize, analyzing user feedback, and conducting high-level competitor research.
- Conducted competitor analysis and prioritized user-centric features to meet business objectives and collaborated with teams to balance feature development and system maintenance.

Cybersecurity & Ethical Hacking Intern
Innovate Intern (Provided by AICTE Internship Portal)

📅 June 2024 – September 2024   📍 Chennai, Tamil Nadu, India (Remote)

- Built "SecureText," a Python-based encryption system enhancing communication security by 10%.

EDUCATION

B.Tech in Computer Science and Engineering (CSE)
VIT Bhopal University

📅 October 2022 – 2026 (Expected)

Current GPA: 7.89

Class 10th & 12th
Delhi Public School, Bhopal

📅 April 2007 – June 2022

Std XII (Stream: PCM/IP) : 94%
Std X : 95%

PROJECTS

Automated Test Case

📅 May 2023 – June 2023

- Developed and enhanced website testing by automating 15+ test cases using Selenium in Python.
- **Project Repository:** github.com/soumyo2004/GRIPMAY23.git

Prediction using Supervised ML

📅 June 2023 – July 2023

- Created and deployed a linear regression model, improving accuracy by a small margin for student score predictions.
- **Dataset used:** http://bit.ly/w-data
- **Project Repository:** github.com/soumyo2004/GRIPJUNE23.git

Exploratory Data Analysis

📅 June 2023 – July 2023

- Analyzed a terrorism dataset to identify high-risk zones and derive security insights..
- **Dataset used:** https://bit.ly/2TK5Xn5
- **Project Repository:** github.com/soumyo2004/GRIPJUNE23.git

Spam Classifier

📅 December 2023 – January 2024

- Developed a spam classification system using Naive Bayes achieving a 90% accuracy on preprocessed SMS datasets.
- **Project Repository:** github.com/soumyo2004/CodeClauseInternshipSpamClassifier.git

SecureText: Text Encryption system using Cryptographic Algorithms

📅 June 2024 – September 2024

- Implemented a text encryption system to safeguard text communication from unauthorized accesss, enhancing communication privacy and security by 40%.
- **Project Repository:** github.com/soumyo2004/InnovateIntern.git

CERTIFICATIONS

Database Operations in MariaDB Using Python From Infosys
Coursera

📅 September 2022

Cyber Guru & Cyber Samurai Programs in Cyber Defence
IITJ-TISC

📅 November 2022 – May 2023

Online Training on Adv. Python Programming
BOLT IoT

📅 May 2023

The Bits and Bytes of Computer Networking
Coursera

📅 December 2023

Cloud Computing Certification
NPTEL, IIT Kharagpur

📅 May 2024

EXTRA CURRICULARS

Cybersecurity Virtual Experience Program on Forage
JPMorgan Chase & Co.

📅 August 2023

- Gained foundational skills in cybersecurity, access control, and email security hygiene and enhanced knowledge in data structures and text-based machine learning models.

Social Volunteering:

- NSS
- Unnat Bharat Abhiyan, VIT Bhopal University Cell
- Coordinated a fundraising musical event for The Sewa Sadan Eye Hospital Trust, Bairagarh, Bhopal

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Keyboard Player

- Awarded merits at state and national events.
- Second Year Diploma from Prayag Sangeet Samiti, Allahbad.
- Extended Elementary Keyboard Course from Concerto School of Music.