NIVEDITHA SURYANARAYANAN

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OBJECTIVE

Computer Applications undergraduate with hands-on experience in front-end development and a strong foundation in C, Java, and Python. Passionate about cybersecurity, with skills in data structures, cloud simulations, and automation. Eager to contribute to secure, user-focused tech solutions in a dynamic environment.

EDUCATION

CEBA, Seshadripuram PU College   2021 - 2023

Bachelor of Computer Science, Dayananda Sagar College of Arts, Science and Commerce   2023 - 2026

SKILLS

Technical skills	C, C++, Python,Java.
Database	Oracle Database.
Libraries	Numpy, Pandas, Matplot.
Frontend Technologies	HTML, CSS, JavaScript.
Soft skills	Problem-Solving, Critical Thinking, Time Management, Attention to Detail.

EXPERIENCE

Cybersecurity Security Analyst   feb 2025
Forage   *India*

- Completed a job simulation involving identity and access management (IAM) for Tata Consultancy Services, collaborating with a Cybersecurity Consulting team..
- Acquired expertise in IAM principles, cybersecurity best practices, and strategic alignment with business objectives.
- Delivered comprehensive documentation and presentations, showcasing the ability to communicate complex technical concepts effectively.

Cloud Computing Engineer   Jan 2025
Forage   *Indi*

- Used command line Python to test whether Verizon's VPN met the cloud-native traits, i.e. redundancy, resiliency and least-privilege.
- Researched approaches to achieve application security and communicated insights in a PowerPoint Presentation

Data Science   Jan 2025
Forage   *India*

- Developed and implemented a predictive model using random forest and other machine learning algorithms, achieving an ROC-AUC score of 0.82.
- Conducted advanced data preprocessing, including handling missing values, encoding categorical variables, and feature scaling, utilising Python libraries such as pandas, scikit-learn, and matplotlib.
- Performed comprehensive model evaluation and tuning, optimising hyperparameters with GridSearchCV, and applied feature importance analysis to derive actionable business insights.