Aman Varma

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PROFESSIONAL SUMMARY

B.Tech ☒ Computer Science graduate with strong expertise in Python, SQL, Data Analysis, and Full-Stack Web Development. Proven experience in developing real-world applications, automation tools, and data-driven solutions through internships and academic projects. Skilled in data cleaning, visualization, backend development, REST APIs, and problem-solving. Seeking an entry-level Data Analyst or Software Developer role to contribute technical expertise in a growth-oriented organization.

TECHNICAL SKILLS

Programming Languages:
Python, C++, Java, SQL, JavaScript (ES6+)

Web Technologies:
HTML5, CSS3, React.js (v18+), Tailwind CSS

Backend & APIs:
Django, RESTful APIs

Databases:
MongoDB, MySQL,

Tool & Version Control:
Git, GitHub, VS Code, Docker

Experience and Projects

Python Developer | CodSoft
- Developed multiple Python-based applications including a Real-Time Weather App, Secure Password Generator, and Optimized Sorting Algorithms.
- Applied best practices for secure coding, debugging, and data handling.
- Improved algorithmic thinking and problem-solving skills through hands-on development.

Skill-Development Website (Personal Project), *HTML, CSS, JavaScript | Deployed on Vercel* ☒
- Skill-Development Website (Personal Project) — HTML, CSS & JavaScript
- Developed a multi-page responsive website from scratch to showcase skill-development resources and course offerings.
- Built navigation menus and interactive UI components using HTML, CSS and JavaScript.
- Ensured cross-browser and mobile compatibility for improved user experience.

Email Bomber – Open Source Project, *Python, SMTP, Docker, GitHub* ☒
- Built an open-source bulk email automation tool for testing and educational purposes.
- Implemented secure authentication using app passwords and two-step verification.
- Dockerized the application for easy deployment and portability.
- Published and maintained the project on GitHub following open-source standards.

EDUCATION

Bachelor of Technology (B.Tech) – Computer Science & Engineering
NITRA Technical Campus, Ghaziabad

SOFT SKILLS

Analytical Thinking | Communication | Teamwork | Leadership | Problem Solving

ACHIEVEMENTS & ACTIVITIES

- Solved 100+ Data Structures & Algorithms problems on LeetCode.
- Actively participated in Social Summer of Code and Social Winter of Code.
- Strong understanding of DSA, OOPs, and problem-solving techniques.
  HACKATHONS

HACKATHON

EDU Chain Hackathon – Semester 2 | 2025, *Pride Plaza Hotel, Aerocity, Delhi*
- Collaborated in a team to design a smart contract workflow, improving verification efficiency.
- Gained hands-on exposure to Web3, agile development, and teamwork under deadlines.

CERTIFICATES

Forage – Data Labeling Job Simulation | Nov 2025 ☒
- Performed Exploratory Data Analysis (EDA) using AI-powered tools.
- Identified risk indicators and structured insights for predictive modeling.

Tata Group – Data Analytics Job Simulation (Forage) | Oct 2025 ☒
- Classified customer support messages by intent, sentiment, and personally identifiable information (PII).
- Followed structured labeling schemas for AI training datasets.