SOUMYA GAUR

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SKILLS

Languages & Frameworks: C++, Java, Python, JavaScript, SQL, HTML, CSS

Technologies & Tools: AWS, MySQL, XAMPP, GitHub, MS Excel, PowerPoint

Data Science & Analytics: Data Manipulation, Data Science, Data Visualization

Financial & Business Analysis: Company Analysis, DCF (Discounted Cash Flow), Financial Modelling, Strategic Rationale

WORK EXPERIENCE

CYBER SECURITY INTERN, The Red User — April 2025 - May 2025

- Enhanced data protection strategies through the creation of a comprehensive **incident response checklist** that streamlined team actions, resulting in a **10%** faster response time and improved data breach containment
- Contributed to improving incident response protocols and strengthening overall data protection strategies
- Gained hands-on experience in **network security, incident response**, and **secure configuration practices**

FOUNDER, The Void — August 2024 - Present

- Conceptualized and executed a comprehensive branding strategy which emphasized luxury designs, sustainability, and unique styles, resulting in a **60% increase** in web traffic that drove sales and brand loyalty
- Directed **end-to-end operations** across 50+ SKUs; led branding, design, and 5+ high-value sponsorships
- Boosting online engagement by **45%** through social media marketing, boosting sales by **25% sales**

VIRTUAL EXPERIENCE PROGRAMS

British Airways - Data Science Job Simulation on Forage — Link

Extracted and analyzed **50K+** Amazon/Yelp reviews using Python, Selenium, and NLP; built a scikit-learn ML model identifying 5 key trends, boosting satisfaction and campaign conversions by **15%**.

JP Morgan Chase - Investment Banking Virtual Experience Program — Link

Identified a 20% **YoY growth acquisition** target aligned with strategic goals; conducted DCF and sensitivity analysis revealing 20% overvaluation, leading to informed decision to delay acquisition

AWS - APAC Solutions Architecture Virtual Experience — Link

Engineered a cost-effective, **low-latency cloud architecture** using AWS Elastic Beanstalk. Delivered stakeholder buy-in **a week ahead of schedule** through concise non-technical communication

PROJECTS

HOMOMORPHIC ENCRYPTION / Python, Advanced Algorithms, Cloud, HTML, CSS, Java

- Engineered a **Fully Homomorphic Encryption (FHE)** system with optimization algorithms to ensure data integrity, confidentiality, and efficient encrypted data updates
- Boosted encryption/decryption efficiency by **20%** and cut processing time by **15%**, enhancing overall performance
- Deployed on scalable, fault-tolerant cloud infrastructure with enterprise-grade security; **improved UX by 30%** through user-driven iterations
- Link: https://github.com/soumyagaur3/Homomorphic_Encryption

E-KEY / Python, Java, Kotlin, Android Studio

- Developed a secure real-time keyboard app enabling on-the-fly encryption, safeguarding users from data leaks across platforms
- Ensured cross-platform compatibility to protect against threats such as sensitive data leaks, maintaining robust security across environments
- Created an intuitive Android interface, achieving **98% user acceptance** in beta testing due to robust encryption and responsive performance
- Link: https://github.com/soumyagaur3/E-Key

FINCHI / HTML, CSS, Tailwind, JavaScript, Speech Recognition

- Developed Finchi, an AI-powered digital assistant inspired by Google Assistant and Alexa, enhancing user interaction with context-aware decision-making
- Achieved a **30%** reduction in support ticket escalations, significantly improving customer service efficiency
- Link: https://github.com/soumyagaur3/Finchi

EDUCATION

VIT BHOPAL UNIVERSITY, BHOPAL, MADYA PRADESH — August 2022 - May 2026

BTech. in Computer Science and Engineering with specialization in Cyber Security and Digital Forensics

S S MODY VIDYA VIHAR, JHUNJHUNU, RAJASTHAN — April 2021 – May 2022

Higher Education | Percentage: **87.60%**

G B MODI PUBLIC SCHOOL, JHUNJHUNU, RAJASTHAN — April 2019 – May 2020

Secondary Education | Percentage: **84.85%**

CERTIFICATES

Certificate	
Cyber Security Analyst - IBM	Link
GEN AI Using IBM Watson -IBM	Link
ISO/IEC 27001:2022 Information Security Associate - SkillFront	Link
Ethical Hacking Fundamentals - LearnKart	Link
Data Privacy Fundamentals - Cognitive Class	Link
Cyber Threat Intelligence - ARCS	Link
The Bits and Bytes of Computer Networking - Google	Link
Python Essentials - GUVI	Link