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ADITYA NAIN

Application Security Engineer currently working at Cognizant with a goal of gaining deep knowledge in cloud technologies and its security implications. My passion for security stems from my curious and persistent nature, constantly learning new things from security podcasts, CTFs and Bug Bounty writeups.

SKILLS

- **GCP** – Security Best Practices, Networking, Compliance (*PCI, HIPPA*), Encryption (*KMS, CSK, CMK*).
- **AWS** – Incident Response, Logging & Monitoring, Infrastructure Security, Data Protection, IAM.
- **Data Analysis** – python, pandas, excel, vba, Django, Bigquery.
- Microsoft PKI, Metasploit, Burp suite, Docker, VAPT, C# (*Unity*), Bash, Java, Linux server hardening.

EXPERIENCE

COGNIZANT – Application Security Engineer

Aug 2019 – Present (1 yr 5 mos)

- Deployed and secured PKI Labs in google cloud (*setup networking and access controls*).
- Manage Microsoft PKI (*audit servers, incident management, service improvement*).
- Created dashboards for PKI servers (*python, pandas, Django*).
- Automated report generation and email notification process (*vba, excel, outlook*).

COGNIZANT – Security Engineer Intern

Jan 2019 – July 2019 (7 mos)

- Developed an Interpreter to use a custom scripting language for Data Masking application (java).

PROJECTS

- Secure Group Communication using Elliptic Curve Cryptography - R&D
- Applied Machine Learning to detect Email spoofing and phishing - R&D
- Developed my website (<https://adityanain96.github.io>) from scratch - Personal project

CERTIFICATIONS

- Google Cloud Certified Professional Cloud Security Engineer *Nov 2020 – Nov 2022*
- Google Cloud Certified Associate Cloud Engineer *Nov 2020 – Nov 2022*

ACHIEVEMENTS

- Awarded bounty for reporting bugs on the domain makemytrip.com
- Built a working coil gun from scrap in a science competition

EDUCATION

- NIIT University – B. Tech CSE *Aug 2015 – Aug 2019*

HOBBIES

- Game Development (*Unity*)
- Calisthenics