Dharaneesh NJ

MSc Cyber Security

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SUMMARY

Highly motivated and passionate Computer Science student pursuing a 3rd-year M.Sc. in Cybersecurity. Enthusiastic about all aspects of Computer Science, with hands-on experience in web development and cloud related projects. Quick learner with a strong interest in building secure and efficient digital solutions. Enhance it with simplicity

TECHNICAL SKILLS

Languages	Python, Java, C++, C
Operating Systems	Amazon Linux, Ubuntu, Windows
Databases/Caching	MySQL, PostgreSQL, MongoDB
Frameworks	Flask, Next.js, Express.js
Platform – CI/CD	Git, Docker
Web servers	Nginx
Cloud Services	AWS (EC2, ELB, EBS, S3, VPC, IAM, RDS, CloudFront, CloudWatch)

PROFESSIONAL EXPERIENCE

Web Development Intern   *2 Months onsite*

Vista Engg Solutions.Pvt, Coimbatore

Demonstrated successful contributions in various projects to optimize the working and the enhancement of the organisation

- Designed and built a **Task Manager** application using Flask to assign and monitor employee workflow.
- Used **RBAC** for different users such as admin, manager and Employee.
- Integrated Plotting techniques like Bar Chart, Pie Chart for Visualization.
- The purpose of the application is to monitor employee performance for incentives.
- Introduced to the field of DevOps and contributed in the **creation of CI/CD** pipeline.
- Assisted the Business Development team in finding clients which required Engineering Solutions.

PROJECTS

Reverse Proxy Web Server
- Set up and managed a cloud environment with a distributed system to host an application.
- Tech Stack: EC2, VPC, S3, AWS WAF

Money-Matters
- A simple and efficient personal finance management application.
- Developed using full-stack **Next.js** and PostgreSQL, deployed as a container in a web server.
- Tech Stack: Next.js, Clerk, EC2, Docker, Drizzle ORM, Neon (PostgreSQL)

Time Series Analysis
- Utilized time series data (non-stationary) to make predictions using different models.
- Created an API to view prediction results.
- Tech Stack: **ARIMA** (Algorithm), EC2, Python

ProSoccerHub

- A management tool for a football academy, allowing admins to create customized sports development programs.
- Built using HTML, CSS and hosted on XAMPP, leveraging a relational database with SQL and triggers.
- Tech Stack: HTML, CSS, XAMPP, SQL

EDUCATION

Master of Science, Cyber Security   *August 2022 – Present*
PSG College of Technology, Coimbatore   *CGPA 6.92*

XII (Higher secondary, State Board)   *2022*
Vidhya Niketan School, Coimbatore   *82.16%*

ACHIEVEMENTS

- **Ethical Hacking**: Participated in a workshop conducted by technobytes at IIT Madras.
- **Accenture North America Data Analytics and Visualization Job Simulation on Forage - March 2024:** Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture. Cleaned, modeled, and analyzed 7 datasets to uncover insights into content trends to inform strategic decisions.
- **Data Visualization:** participated in **AWS QuickSight** workshop by Datagenie.