Rohan Chandrashekar

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SUMMARY

Graduate Computer Science student (ASU) and former HPE Solutions Consultant specializing in Artificial Intelligence and Cybersecurity. Experienced in designing AI workflows for the NVIDIA Morpheus Pipeline. Passionate about leveraging advanced algorithms to solve real-world security and optimization challenges. Seeking Summer 2027 Internship in AI, Machine Learning and Optimization related areas.

EDUCATION

Master of Science in Computer Science, Arizona State University (ASU), Tempe, USA, January 2026 - Present
Bachelor of Technology in Computer Science and Engineering, People's Education Society (PES) University, Bengaluru, August 2024, CGPA: 7.38/10

TECHNICAL SKILLS & CERTIFICATIONS

Tools and Technologies: C, C++, Python, Ansible, MySQL, R, HTML, CSS, JavaScript
Certification: Quantum Computing Fundamentals Program, MIT xPRO (Academic Credits Earned), April 2025

WORK EXPERIENCE

Technical Solutions Consultant,
Hewlett Packard Enterprise (HPE), Bengaluru   **September 2024 – May 2025**
Worked in the Professional Services: Global Competency Center – Cloud Platform, Application Engineering, and Cybersecurity (CPAE & CS) team.
- Designed and Implemented **AI cybersecurity** workflows in **the NVIDIA Morpheus** Pipeline.
- Worked on Services Delivery Accelerator – HPE SQuest a sophisticated framework built on Red Hat Ansible Automation (AWX) Platform that empowers creation of web portal offering a comprehensive **Everything-as-a-Service (EaaS)** experience.

Intern, Technical Consultant, Cybersecurity-AI
Hewlett Packard Enterprise (HPE), Bengaluru   **February 2024 – August 2024**
- Developed a use-case for an **AI** chatbot to summarize technical cybersecurity documents.
- Created an automated firewall migration tool with **Python** backend and **HTML/CSS UI.**
- Designed a use-case for **SBOM** generation and vulnerability scanning
- Conducted a review and demonstration of OWASP Nettacker for automated **VAPT**.

Intern, Cybersecurity-AI, Sattva Human, Bengaluru   **January 2024 - February 2024**
Objective: Deploy open-source **Large Language Model (LLM),** integrate it with a vector database to facilitate efficient data retrieval, and perform a series of cybersecurity tests to identify and mitigate potential security threats.

ACADEMIC PROJECTS

Title: Graph Library, PES University, Bengaluru, 2023   **Team Size:** 1
Implemented and successfully deployed a graph library in C++ capable of performing calculations on multiple graphing algorithms including Prim's, Kruskal's, Dijkstra's and A* Search from Python code.

Title: Stream and Batch Processing of Twitter Data using Spark & Kafka, PES University, Bengaluru, 2023
To assess the capabilities of Apache Spark and Kafka in processing streaming data, by configuring and managing Kafka clusters for data ingestions and streaming. Thereby, executing multiple workloads like Spark SQL queries to perform actions, transformations, and aggregations on input data.   **Team Size:** 4

AWARDS AND ACHIEVEMENTS

- Youth For Seva Mitra award for commitment and dedication to 50+ hours in community volunteering
- Rewarded as the Best New Joiner at HPE
- Won Best Paper Award for paper titled "PyEdit Pro: The Ultimate Advanced Text Editor in Python - Empowering Text Editing Experience" in the 1st IEEE International Conference on (MRTM 23), September 2023
- Distinction Award Certificate (DAC) – Merit Scholarship B.Tech. in Computer Science 2022 & 2023

ACTIVITIES

- **Volunteered for Hewlett Packard Enterprise's CSR initiative, June 2024**
- **Volunteered for NGO – U&I Charitable Trust, 2023**
  - Nominated as a national level leader for active and significant overall contribution. Totally raised $120,000 pan-India