

GAURAV JOSHI

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EDUCATION

University of Texas, Dallas

Master of Science in Computer Science

GPA: 3.67 | Erik Jonsson Academic Excellence Scholarship | CometX Accelerator

Richardson, TX

December 2023

Mississippi State University

Bachelor of Science in Computer Science

GPA: 3.52 | Bagley College Academic Excellence Scholarship | DevNet SE Club

Starkville, MS

December 2019

SKILLS & INTERESTS

Programming: Java (preferred), Python, C, C++, C#, Kotlin

Web: HTML, CSS, JavaScript, MongoDB, Express, React.js, Node.js, SQL, ASP.NET Core, PHP

Tools: Git, Linux, Android Studio

Certifications: Codepath Certificate in Android Development, AZ-900 Microsoft Azure Fundamentals

EXPERIENCE

Nokia – Engineering Co-op | Dallas, TX

September 2022 – Present

- Delivering E2E System Integration, Automation Development and Software Upgrade for 5G Radio Products

ISN - Software Developer Intern | Dallas, TX

June 2022 – August 2022

- Revamped the flagship ISNworld Map Search using C#, ASP.Net Core, Razor Pages and AmCharts API
- Incorporated modern UI design principles to build SPA and **reduced** the page reload time **by 30%**
- Deployed **4+ items** on average for every **biweekly Agile Scrum** sprint as a part of the development process
- Utilized Azure DevOps as the CI/CD pipeline and performed unit testing for every work item

Mississippi State University - Intermittent Security Analyst | Starkville, MS

February 2020 – September 2020

- Led a **team of 3 interns** to administer and identify attack vectors for EventTracker SIEM. Utilized MITRE ATT&CK to improve threat intelligence **by over 120%**
- Collaborated with Network Engineers and Senior Analysts to configure CyberArk PAM (Privileged Access Management) Solution for **more than 400 servers**
- Optimized SQL queries for configuring SSH tunnel for CyberArk PAM. Developed PowerShell scripts for monitoring anomalies and **reduced downtime by 25%**

Mississippi State University – Cybersecurity Student Intern | Starkville, MS

May 2019 – December 2019

- Coordinated and conducted event collection, log management, event management, compliance automation and identity monitoring activities using **EventTracker SIEM**

SELECTED PROJECTS

InstaRide [Android (Kotlin), Material UI, NoSQL (Parse)]

[GitHub](#)

- Created a ride-sharing Android app which allows people to create, join and share rides to their preferred locations
- InstaRide was awarded the **most socially impactful** app by **Codepath out of 12** other projects

Homes4All [HTML, CSS, JavaScript, MongoDB, React.js, Node.js, Google Maps API]

[GitHub](#)

- Developed a property rental platform that filters properties in-real time based on user location, affordability and search selections

Good News Bot [Python, Twitter API, Google Cloud Platform, Google NLP]

[GitHub](#)

- Built a twitter bot that scrapes **100+ news articles** in **every 12 hours** and performs sentiment analysis to identify the best news of the day. Utilized Google NLP API for sentiment analysis