GAURAV JOSHI

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EDUCATION

University of Texas, Dallas   Richardson, TX
Master of Science in Computer Science   December 2023
GPA: 3.67 | Erik Jonsson Academic Excellence Scholarship | CometX Accelerator

Mississippi State University   Starkville, MS
Bachelor of Science in Computer Science   December 2019
GPA: 3.52 | Bagley College Academic Excellence Scholarship | DevNet SE Club

SKILLS & INTERESTS

Programming: Java, Python, C, C++, C#
Web: HTML, CSS, JavaScript, MongoDB, Express, React.js, Node.js, Flask, SQL, ASP.NET Core
Data: Pandas, NumPy, Matplotlib, VBA
Others: Git, Linux, Android Studio, Microsoft Azure
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, software upgrade and continuous KPI metrics improvement for T-Mobile LTE and 5G Radio Products
- Building automated reporting and data analysis pipeline using Pandas, NumPy, Power BI and Nokia Automation Framework

ISN - Software Developer Intern | Dallas, TX   June 2022 – August 2022
- Revamped the flagship ISNetworld 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**

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

PepEngage [React.js, D3.js, Flask, Pandas, Matplotlib, Blender]   GitHub
- Designed a multi-layer engaging experience for PepsiCo customers as a part of the HackDFW Challenge.

Homes4All [HTML, CSS, JavaScript, MongoDB, React.js, Node.js, Google Maps API]   GitHub
- Developed a property rental platform that filters apartments 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 sentiment analyzing twitter bot that scrapes **100+ news articles** to identify the best news of the day.