**GAURAV JOSHI**

Richardson, TX • gaurav.joshi@utdallas.edu • [www.linkedin.com/in/gauravjoshi01](http://www.linkedin.com/in/gauravjoshi01) • <http://github.com/gauravjoshi1>

**EDUCATION**

**University of Texas, Dallas** Richardson, TX

**Master of Science in Computer Science** May 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](https://github.com/CodePath-Android-2022/Carpool-App)

* 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](https://github.com/HackDFW-Pepsico-Challenge/pep-engage)

* 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](https://github.com/gauravjoshi1/homes4all)

* 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](https://github.com/gauravj09/good-news-bot)

* Built a sentiment analyzing twitter bot that scrapes **100+ news articles** to identify the best news of the day.