Gaurav Joshi

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EDUCATION

The University of Texas at Dallas   Richardson, TX
Master of Science in Computer Science   Aug 2021 - May 2023

Mississippi State University   Starkville, MS
Bachelor of Science in Computer Science   Jan 2016 - Dec 2019

EXPERIENCE

Software Developer   Jul 2023 - Present
ISN   Dallas, TX

- Built Android and iOS push notifications using **C#** and **.NET microservices** architecture for the Empower App with **200K+** downloads and **100K+** daily active users
- Integrated ISN's first-ever generative AI engine InsightAI into the Empower app which spiked user engagement by **4%**
- Deprecated, versioned and upgraded **REST APIs** to check compliance requirements for contractor employees
- Shipped a new email verification flow to allow trial app access to new users for **30 days**
- Implemented **SQL** scripts to provide multi-lingual app support for users in Mexico and Canada
- Proposed and designed a new data deletion architecture for the Empower app
- Ensured high code quality by maintaining **97%+** code coverage across every new feature release as tracked by Sonarcloud

5G Engineer Intern   Sep 2022 - Dec 2022
Nokia   Coppell, TX

- Designed an automated test reporting pipeline using Pandas, NumPy and Power Query for T-Mobile 5G Project that reduced manual work by **30%**

Software Developer Intern   Jun 2022 - Aug 2022
ISN   Dallas, TX

- Modernized ISNetworld Map Search UI pages using **C#** and **.Net MVC** to reduce the page reload time by **2.5 seconds**

PROJECTS

InstaRide   [Kotlin, Retrofit, Parse]
- Developed a ride-sharing Android app that won CodePath's most impactful project award out of 12 projects

Homes4All   [React, Express, Node.js, MongoDB]
- Built a property rental platform that filters properties in-real time based on user location and search selections
- Implemented token-based Authentication, Authorization and CRUD functionalities.

Football Search Engine   [Flask, Solr, CSS Flexbox]
- Created a search engine using **50** unique urls that scraped and indexed over **120K** web pages using clustering algorithms

SKILLS

Languages	Java, Python, C#, JavaScript, C++, C, Kotlin, HTML, CSS
Frameworks and Tools	React, Express, Node.js, .NET, Flask, SQL, Git, Docker
Certifications	AZ-900 Microsoft Azure Fundamentals, Codepath Certificate in Android Development

EXTRACURRICULAR

- Technical Interview Prep Coach at CodePath (2024)
- CS Mentor at UT Dallas (2022) and Mississippi State (2017)
- Director of Software Engineering Club at Mississippi State (2018-19)