SANSKAR AGARWAL

Hyderabad, Telangana

📱 9897953951 ✉ sanskaragarwal.500@gmail.com in/sanskar-agarwal github.com/sanskagarwal 🏠 sanskagarwal.com

Education

Birla Institute of Technology, Mesra   July. 2017 – June 2021
Bachelor of Education in Computer Science - GPA: 9.01/10.0   *Ranchi, Jharkhand*

Experience

Microsoft   Aug 2023 –
Software Engineer 2   *Hyderabad, Telangana*
- Leading a team of 3 and working on Security of Office Engineering.

Microsoft   July 2021 – Aug 2023
Software Engineer   *Hyderabad, Telangana*
- Worked on Supply chain Security and Compliance to improve posture for the Office Engineering team. Developed and maintained many projects to learn about the lifecycle of the product.
- Demonstrated by leading projects, mentoring others, and working on improving the existing product by documentation, testing, and monitoring.
- Technologies: C#, React, TypeScript, PowerShell, NodeJS, Azure Cloud, DevOps, SQL/Kusto Databases, ADO Security

Microsoft   Jan 2021 – June 2021
Software Engineer Intern   *Hyderabad, Telangana*
- Enhanced an engineering system billing solution by providing usage analysis and recommendations to reduce cost by millions of dollars.
- Technology: React, Azure Functions Serverless, Azure Data Explorer

Microsoft   May 2020 – July 2020
Software Engineer Intern   *Hyderabad, Telangana*
- Developed a prototype for a billing platform to get cost for engineering system usages to provide visibility and identify anomalies in usage.
- Technology: Azure, SQL, React

Projects

Bitotsav | *MERN, Front end Web, Azure Compute*   Dec'19-Feb'20
- Led team of 4 developing website and backend REST API for college fest, serving over 1200 users.
- Authored secure CRUD operations with authorization, a live notification system, and an admin panel.

Sabre | *Python, React*   Oct'19
- Developed a platform to find lost ones using face recognition API service built on dLib, and MongoDB for storing data and Geospatial data queries.
- Co-authored the UI and integrated MapBox for map-based interactions on the web page.

Technical Skills

Languages: C#, React, TypeScript, SQL, Kusto, C++ (Algorithms), NextJS, HTML/CSS/TailWind
Developer Tools: VS Code, Visual Studio
Technologies/Frameworks: Azure, Azure DevOps

Leadership / Extracurricular

- Tech Lead, Bitotsav'20 & Pantheon'19, annual cultural/tech fest of BIT Mesra.
- Webmaster of IET BIT Mesra (Apr 2019 - Apr 2020).
- CodeForces Max Rating: 1774