

ANSH SIKKA

CONTACT

✉ anshsikka.work@gmail.com
☎ 630-765-2192
📍 Greater Chicago Area
🏠 anshsikka.com
📧 @anshikka
🌐 Ansh Sikka

SKILLS

Programming

Python

SQL

JAVA

HTML/CSS/JS

C++/C#/C

Technologies

SSIS/Azure Data Factory

Azure Cloud

Snowflake

Apache NiFi

PowerApps

AWS

CERTIFICATES

Microsoft

AZ-900: Azure Fundamentals

ACHIEVEMENTS

- 🏆 (Deloitte) Achieved 4 Applause Awards (2022-2024)
- 🏆 (ExxonMobil) Promoted to Design Lead on Data Solutions Team (2021)

EDUCATION

📅 Jan 2022-Dec 2023)

📍 Georgia Institute of Technology

M.Sc. Computer Science

-Relevant Coursework: Data & Visual Analytics, AI, Machine Learning for Trading, Graduate Intro to Operating Systems, Knowledge-Based AI, Database Fundamentals, Computer Networks, Software Development Processes, Human Computer Interaction, EdTech

📅 Aug 2017-May 2020

📍 University of Minnesota-Twin Cities
Minneapolis, USA

B.Sc. Computer Science

-Relevant Coursework: Graduate-Level Software Engineering Course, Big Data Architecture, Artificial Intelligence, Database Fundamentals, Data Science/Machine Learning, Data Structures and Algorithms, Functional Programming, Databases

-Undergraduate CS TA

WORK HISTORY

📅 Nov 2021 - Present

📍 Deloitte | Chicago, USA

Strategy & Analytics Solution Specialist

Technologies: SSIS, Azure + Data Factory, SQL, Python, Azure DevOps, AWS, Snowflake

Responsibilities: Data Engineering and Solutions Architect for a Federal Health Client -Developed 9-10 new ETL pipelines and enhanced 7-8 others in SSIS for a federal health client

-Part of a 'Tiger Team' to quickly build out a data warehousing solution -Optimized 2-3 ETL pipelines cutting their time by an average of 60% using SQL best practices and optimization

-Automated an asset management system to pull new tablet models using Python web scraping (BeautifulSoup)

-Lead a ETL migration for over 20 pipelines cross-server

-Established a Tableau Usage Dashboard that gives insights on dashboard metadata

-Automated an enterprise data storage analysis that would've taken 3 weeks by developing a Python and SQL script that took just 3 hours

-Lead initiatives for best practices including code review, DevOps Management, Code Documentation, and Deployment Checklists

-On-boarded 4 backend developers weeks and acquainted them with new best practices

📅 Sep 2020 - Oct 2021

📍 ExxonMobil | Houston, USA

Software Engineer and Design Lead

-Streamlined company-wide cybersecurity machine monitoring using flow-based programming via Apache NiFi for ETL and reduced time to find cybersecurity holes from months to minutes

-Working with Azure Functions, APIM, and KeyVault to develop an API to provide access to a central company data repository on Snowflake, helping reduce cost in data subscriptions (\$75m in data subscription costs saved)

-Worked on a Zoom Analytics big data project, taking 500+ zoom events/sec as streaming data and processing it on Azure Functions and Azure Event Hub, warehousing it on Snowflake

📅 May 2019-Aug 2019

📍 ExxonMobil | Houston, USA

Software Engineering Intern

-Replatformed internal cloud adoption platform in an agile work environment to Microsoft Azure: Utilized blob storage, SQL, KeyVault, SendGrid, and search service.

-Full Stack Web Development: Handlebars.js for frontend and Node.js for the backend.

-Customized open source CMS (Content Management System) to adapt to new website format and UX.

-Teaching assistant to over 100 other interns and employees helping them get started with Azure.

PERSONAL PROJECTS

Canvas Pre-Submission Preview Chrome Extension

-Developed a Chrome Extension that previews assignments *before* turning them in on Canvas LMS, reducing the chance of submitting the wrong assignment

-Built using JavaScript and Chrome Developer Tools

-50+ users, wide pool from Georgia Tech students

SkillFlyer: A Crowd-Sourced Learning Platform

-Takes YouTube videos and ranks them through crowd sourcing by a variety of educational topics and subtopics

-Uses MongoDB as the data backend, NodeJS as the serving backend, and ReactJS as the frontend

Portfolio Website

-Utilized Node.js and React.js to build an interactive web app portfolio website

-Deployed on cloud using GitHub pages