

SAMARTH CHUGH

(WEBSITE)

c.samarth98@gmail.com [LinkedIn](#)

281-777-7303 | Dallas, Texas

WORK EXPERIENCE

Feb 23 to Present | State Farm | Lead Software Engineer

- Instrumental in creating a containerized server-driven application hosted on AWS and serviced by Scalr pipelines for automated deployments which helps process all changes on existing business policies - about 50% of all modernized policies annually.
- Developed a customer facing backend application deployed in AWS ROSA with federated GraphQL schema as a first project for GraphOS enterprise wide adaption supported with DynamoDB.
- Spearheading AI solution intake across suite - leading a virtual team of 10 engineers work on multiple \$1M+ business outcome projects. Stewarding engagement across departments, presentation to directors, analysing cost and risk in detail and creation of integrated and standalone application solutions.
- Improved DevOps across multiple projects by developing robust pipelines for productions with release versioning, scheduled outlets for adhoc fixes, vulnerability scans with SNYK, and streamlined Gitlab communication with Agility.
- Created API for email functionality and logging features across Adobe Analytics and Salesforce.
- Worked in a technical architect capacity to solve data pipeline issues affecting 40% of all policies involving payments, helped improve suite documentation and conducted multiple technical feasibility assessments.

Mar 21 to Jan 23 | State Farm | Software Developer

- Developed and maintained micro-frontend arch driven applications based on React with backend in Java and using GraphQL for APIs for intake of all new business policies - affecting over 50% of all states serviced by State Farm annually.
- Created a Node.js package to be consumed by multiple product teams using data from a Java based policy management system - helped trim year long delivery timeline by a month.

Dec 19 to Mar 21 | Allstate Insurance - Infosys | Associate Software Developer (Power Programmer)

- Full stack web developer working with Java (Spring) and MEAN stack.
- Revamped data intake processes to save 100+ hours monthly with automation scripts in Python.

May 17 to Mar 19 | Research in Data Science and Networking

- Researched Bayesian Decision Networks in health care systems under a Stanford professor involving exploration, cleaning and processing of over 35 GB of data.
- Created interactive [web-application](#) in R to aid with data visualization. Published papers in [Wiley](#) and [AAAI 19](#).
- Researched existing models in delay tolerant networks and implemented improvements (up to 80% efficiency) and invented new models (up to 200% efficiency) through a system written in Java.
- Networking papers published in [Springer](#) and [PGDC 18](#).

EDUCATION

B.E. in Information Technology – 4.0/4.0 GPA - NSIT, Delhi, India (Top 10 Engineering College in country)

SKILLS

AWS CCP, Java, GraphQL, Python, MERN Stack, Angular, Typescript, SQL, C++