Aditya Naik

978-496-4241 | adityan9900@gmail.com | https://www.linkedin.com/in/adityan9900 | https://github.com/adityan9900

EXPERIENCE

Meta
Software Engineer   *March 2025 - Present*
- Ran experiments to deliver millions of dollars of revenue via Instagram ads
- Implemented and tested features for mobile applications in Swift and Objective C
- Planned timelines and allocated developer bandwidth for several high-stakes and user impacting projects
- Saved server capacity and reduced latency through tuning of image fetching on Instagram feed

Amazon (Alexa Mobile)
Software Development Engineer II   *January 2022 - March 2025*
- Integrated LLM with consumer features to provide customizable user experiences
- Designed mobile application projects using Swift, Kotlin, React, TypeScript and redux to 50 million customers
- Delivered frontend features leading to app clicks rising by 70% and home page retention by 216%
- Spearheaded development of iOS widget with 40 thousand users, leading to an increase in monthly active users
- Collaborated with domain specific teams to deploy external features globally using CI/CD pipelines
- Reduced app startup time by 20% and ensured zero regression through profiling and custom metrics
- Managed and triaged service latencies and outages through creation of AWS Cloudwatch monitors and alarms
- Acted as tech lead for team of three developers to deliver feature for service with 2500 transactions per second

Fidelity Investments (Managed Accounts)
Full Stack Engineer   *June 2021 - December 2021*
- Applied Angular and Spring to develop end-to-end code for responsive web application
- Implemented SQL database and service to handle, store and validate large files with millions of data points
- Deployed logic to help 8 million customers grow their managed investments

Software Engineering Intern   *June 2020 - July 2020*
- Linked Keras and TensorFlow vision algorithm with existing risk management program to identify failures

Purdue University   *September 2019 - May 2020*
Undergraduate Research Assistant
- Analyzed and identified common traits of phishing emails as part of a funded research project
- Developed classifier with hundreds of features to identify email motive based on contents using Pytorch
- Devised and tested various models using XGBoost for natural language processing

Siemens   *June 2019 - August 2019*
Software Engineering Intern
- Built iOS application using XCode and Objective C
- Improved workflow for existing OpenCV and TensorFlow logic to scan real-world images
- Created testing environment using Flask and SQL database to simulate user behavior

PROJECTS

Real Time Sports Prediction Service   *January 2021 - July 2021*
- Designed web and iOS application using React.js and Swift UI respectively
- Established ML algorithm to predict real-time NBA and EPL winners with 80% accuracy and 1 minute delay
- Used Express.js, Flask and Google Cloud to deploy live servers and microservices

Video Debate Based iOS Application   *January 2021*
2nd place at Boilermake VIII
- Created iOS app using SwiftUI that enabled users to view, like and upload videos
- Managed express.js backend service with MongoDB and Cloudflare to handle video storage
- Employed Google Cloud services to perform NLP and filter categorical data and profanity

EDUCATION

Purdue University - West Lafayette, IN   *May 2021*
B.S., Computer Science
- **GPA**: 3.83/4.00
- **Coursework**: iOS Development, Artificial Intelligence, Operating Systems, Software Engineering, Data Structures and Algorithms, Systems Programming, Software Testing, Cloud Computing
- **Awards**: Dean's List, Academic Honors, Presidential Scholarship, 2019 Brown Datathon Finalist, 3rd place at Boilermake VII

SKILLS

- Java, Python, C, Objective C, C++, JavaScript, Swift, Swift UI, R, HTML, CSS, SQL, Kotlin
- TensorFlow, Pytorch, OpenCV, Pandas, Numpy, Express.js, Node.js, React.js, Angular, Flask, Spring
- Amazon Web Services (S3, EC2, Lambda, etc), Docker, Google Cloud