Anirudh Kumar Subramanyam (Ani)
Software Developer

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Education

UNIVERSITY OF WASHINGTON, SEATTLE   SEPTEMBER 2015 - JUNE 2019

Bachelor of Science in Informatics

GPA: 3.76, Dean's List all quarters.

Experience

UNIVERSITY OF WASHINGTON INFORMATION SCHOOL - TEACHING ASSISTANT (SEATTLE, WA)

INFO 441: Server Side Development   JANUARY 2019 - APRIL 2019

Teach students to build and deploy web servers, that includes user authentication, authorize and validate persistent data, micro-service architecture, message queues and web sockets to notify changes in real-time. Uses Go, Node.js, AWS, MySQL, Redis, RabbitMQ, and Terraform.

INFO 448 - Android Mobile Development   SEPTEMBER 2018 - DECEMBER 2018

Taught students to build Android applications using Kotlin, implementing user interactivity, networking, sensor access and data storage and retrieval.

INFO 201 - Technical Foundations   SEPTEMBER 2017 - JUNE 2018

Introduced students to data collection, storage, wrangling, analysis, and visualization in R. Built automated test scripts to grade assignments.

INDEGENE - INTERN (PRINCETON, NJ)   JUNE 2018 - SEPTEMBER 2018

Initiated transition from intuition based campaign journey to a data driven one. Developed an API backed by machine learning models in Go to predict campaign performance and also to provide guidance on optimal allocation of resources to have the best chance of achieving a target performance.

CLOUDCHERRY - INTERN (BANGALORE, IND)   JUNE 2016 - AUGUST 2016

Developed an automated program using Java and the CloudCherry API to compare their analytics with other popular sentiment analytics tools, and provide insight in areas they could improve on by using over 10,000 comments for the analysis.

Projects

NOVANT - Go, Node.js, Python, MySQL, Redis, React, React Native, Redux   CURRENT

Developed a mobile and web platform that facilitates the marketplace for job shifts to be listed by businesses, applied for and worked by a supply of trusted employees. Architected and built RESTful backend server for the business logic.

SLACK-ESQUE - Go, Node.js, Digital Ocean, MySQL, Redis, RabbitMQ, Terraform   MAY 2018

Built full stack web application with Go web servers and Node.js for channel and messaging microservices with real time notifications using Websockets and RabbitMQ. Uses Redis to track sessions and MySQL to authenticate and store user information. Uses Terraform to create VMs and provision them for the dockerized API server and web client in Digital Ocean. Other features include custom profile pictures, search for users, emoji reactions and star messages, attach media files to messages, reset forgotten password

Technical Skills

Languages/Frameworks: Java, Go, Kotlin, Swift, R, Typescript, React.js, React Native, Node.js, MySQL, MongoDB, Redis, Kafka.

Tools: Git, Docker, Digital Ocean, AWS, Cisco Packet Tracer, Terraform.

Volunteer Activities

CHILD RIGHTS AND YOU - BOARD MEMBER (SEATTLE, WA)   SEPTEMBER 2016 - SEPTEMBER 2018

CRY aims to create awareness about child rights in India. As a board member, I collaborated on planning, organizing, and hosting fundraising events.