

Aditya Neelamraju

Looking for software engineering roles

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[LinkedIn](#)

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WORK EXPERIENCE

Amazon

Software Development Engineer II - Project Kuiper

- Built 100% available persistence layer for Satellite software components using AWS API Gateway, Lambda, DynamoDB
- Built services with SLA of 1500 TPS to update satellite configurations
- Built highly concurrent programs using Golang

Software Development Engineer II - Veritas

San Diego, California | May 2022 - current

- Worked on CRUD API from Neo4j Graph Database
- Modeled security data as nodes and relationships to apply graph algorithms
- Designed a highly efficient Tagging System
- Worked on control plane for ingesting data into DynamoDB using on demand EMR cluster

Codex Health

Software Engineer

Palo Alto, CA | 02/2021 - current

- Built Rest API for distributed systems backend in GO
- Architected and implemented various serverless Google Cloud services for backend including App Engine, Cloud Functions, Cloud Run services
- Built Data Pipelines for BigQuery Datasets and performed meaningful data harmonization using event based triggers, pub sub topics and many other services
- Experience with FHIR health standards and Epic EHR systems
- Performed CRUD on SQL (Cloud Spanner, PostGreq) and NOSQL (Firestore, ElasticSearch) databases
- Managed infrastructure and environments using Terraform

Big Machine Label Group

Data Analysis Intern

09/2018 - 01/2019

- Largest country music label. Worked on building intelligent decision making models to optimize artist performance, revenue streams and drive up overall music consumption. Built visualization models on tableau to make effective intra label communication. Increased revenue by 7% by identifying optimal platforms
- Skills used- AWS, Redshift, Pytorch, Tensorflow, Tableau, SQL, Kernel Regression, Machine Learning and Statistics

Salk Institute

Student Engineer

February 2019 - September 2019

- Functional programming on haskell from neural networks
- Writing unit tests in HUnit testing framework

PROJECTS

Virtual Music Pedals

- Created virtual music pedals for guitar that you can use once you plug your instrument into the computer
- Skills- C, Pure Data

EDUCATION

B.S.

Mathematics and Computer Science, Minor in Music

University of California, San Diego

2015 - 2020

San Diego, California

Awards

- Provost's Honor

SKILLS

- Java, C, C++
- Python
- HTML/CSS
- SQL/ Javascript
- Amazon Web Services
- Google Cloud Platform
- Golang
- Unix
- Git
- Hypothesis Testing
- R
- Matlab
- Pytorch

RELEVANT COURSEWORK

- Data Structures
- Algorithms
- Computer Architecture
- Operating Systems
- Statistics and Probability
- Computational Statistics
- Numerical Analysis
- Linear Algebra
- Computer Music
- Signal Processing