

Revanth Korrapolu

SOFTWARE ENGINEER

Info

Website

www.revkorr.com

Phone

609-649-1171

Email

rkorrapolu@gmail.com

Skills

Java

Python

(Flask, Pandas, Numpy)

Typescript/Javascript

(React, Tailwind)

AWS

(EC2, Lambda, Cloudfront, RDS, CDK, SageMaker)

Distributed Systems

Web Design (HTML/CSS)

ML/NLP

SQL (MySQL, Postgres)

Education

B.S. in Computer Science, Cognitive Science

Rutgers University

Nov 2016 — May 2020

Minors: Math, Statistics

Presidential Scholar (Top 2%)

Profile

Experienced and self-motivated software engineer with 3 years of **full stack** and **distributed systems** experience.

Employment

NextPatient - Full Stack Engineer

Nov 2022 — Present

Remote

- Worked directly with CEO to own the company's engineering and product development, which increased topline revenue by **33%**
- Upgraded product's frontend (HTML/CSS), backend services (Python/Flask), and data model (SQL/Postgres)

Amazon Web Services - Software Engineer

Aug 2020 — Oct 2022

New York

- Spearheaded re-architecture of Amazon Translate's ML model hosting to **reduce costs by 25%**. Devised new routing logic for single model to multi-model per-host migration.
- Redesigned internal translation website using Node.js, Material UI design standards, AWS CDK, and AWS Cloudfront
- Engaged in various **ML Ops** improvements by improving the interpretability of ML models via reporting and accelerating model release pipeline

Data Ambassador - DataKind

Mar 2022 — Sep 2022

New York

- Analyzed eviction and foreclosure data (via **Python**) and generated insights (via **Jupyter Notebooks**) to minimize eviction and foreclosure residents in Central Florida.
- Partnered with the Housd Eviction & Foreclosure Group to advise local government on the equitable distribution of emergency rental assistance program funds.