Revanth Korrapolu

SOFTWARE ENGINEER

Info

Website
www.revkorr.com

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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)

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 engineering and product development and increase revenue by **33%**
- Revitalized frontend (HTML/CSS), modified backend (**Python/Flask**), and modeled database (**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.

Education

B.S. in Computer Science, Cognitive Science   **Minors:** Math, Statistics

Rutgers University   Nov 2016 — May 2020   Presidential Scholar (Top 2%)