Karthik Suresh

karthik.s814@gmail.com · karthiksuresh.me · (925)-922-7013

WORK EXPERIENCE

Blend   **Software Engineer**   **Feb 2020 - Present**

- ❖ Worked on a new vertical focused on improving the Home Insurance space by bringing the shopping experience online and adding more transparency to process.
- ❖ Built out a new microservice in Typescript and Postgres and worked on several key projects including an insurance quote marketplace application and creating an online-bindable insurance policy.
- ❖ Built a rules engine using Kafka-based event streaming that enables services to dynamically add and remove flows based on data updates. Used Golang's Protobuf to create standardized events with serialized metadata.

Contrary Capital   **Venture Partner**   **Mar 2018 - Dec 2019**

- ❖ Contrary is a university-focused VC fund backed by founders of Tesla, Airbnb, Facebook, and more.
- ❖ Evaluated and helped invest seed money ($50k-$250k) in the best student-run companies across the country.

Blend   **Software Engineering Intern**   **May 2019 - Aug 2019**

- ❖ Worked on the Connectivity backend team to help borrowers connect to their personal financial data to power the core product and help simplify and automate mortgage applications.
- ❖ Used Go and Postgres to design and implement API integrations with 3rd party data providers such as Plaid.

Coursera   **Software Engineering Intern**   **Sep 2018 - Dec 2018**

- ❖ Worked on the Growth Eng team to increase number of users, activity, and revenue across all channels.
- ❖ Used Scala to develop an API for creating promotions and wrote >5000 lines of production level code.

KloudData   **Software Engineering Intern**   **May 2017 - Aug 2017**

- ❖ Helped build a user-friendly healthcare suite by using Hadoop and UI/UX and Cloud technologies.
- ❖ Researched Big Data/Cloud based implementations and used R to improve the IntelliKx analytics system.

PROJECTS

Major League Baseball Player Valuations - (Open Source)

- ❖ Python - Created project that analyzes the undervalued and overvalued MLB players by using modern metrics to determine values of players compared to their yearly salary.

Google CloudPrint - (Open Source)

- ❖ Python - Fixed bugs in the Google CloudPrint service and implemented additional cert testing tools.
- ❖ Notable Addition - Created a way for cloud-server authentication tokens to be refreshed by detecting when the tokens were expired instead of failing.

EDUCATION

Rensselaer Polytechnic Institute - Troy, NY   **Graduation: Dec 2019**

Major: Bachelor of Science, Computer Science   **GPA: 3.85**

SKILLS C++, Typescript, Python, Golang, Scala, Postgres, Mongo, Redis