

Karthik Suresh

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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 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-August 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