

Apoorva Manjunath

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<https://apoorvam.github.io>

OBJECTIVE

I am passionate about creating new technology that meaningfully impacts people's lives. With a background in Computer Science, I developed innovative software for multiple clients and open source tools. My enthusiasm for pushing the boundaries of what's currently possible drives me to further explore the areas of **distributed systems, microservices, machine learning, designing algorithms and building full stack applications**.

EDUCATION

Master's in Computer Science - Northeastern University

Sep 2019 - Dec 2021

Khoury College of Computer Sciences, Boston, MA. GPA: 3.83/4.0

Expected Graduation: Dec 2021

Bachelor of Engineering in Computer Science

Aug 2010 - June 2014

Bangalore Institute of Technology, Bangalore, India. GPA: 82.57/100

TECHNICAL SKILLS

Programming Languages: Golang, Java, Ruby, Python, JavaScript

Tools & Frameworks: Protocol Buffers, Rails, Redis, AWS S3, Docker, Kafka, Postgres, CloudFront, ReactJs, Redux, Elasticsearch, InfluxDB, Git, IntelliJ SDK, MapReduce

Open Source: Gauge, GoTerminal, Dunner

WORK EXPERIENCE

Strategic Solutions Group, Needham, MA - Software Development Engineer Intern

May 2020 - Dec 2020

Northeastern University - Research Assistant at Health Technology Lab

Dec 2019 - Present

Building a data extraction and processing system to manage participants' heart rate and physical activity data.

Northeastern University - Graduate Teaching Assistant

Jan 2020 - May 2020

Google Summer of Code - Developer at Sustainable Computing Research Lab

May 2019 - Aug 2019

ThoughtWorks Inc., Bangalore - Application Developer

June 2014 - Aug 2018

Used Agile methodologies with a focus on CI/CD, TDD, Scalability and Performance.

PROJECTS

Dunner

Feb 2017 - Aug 2018

- Built a container based task runner tool in Golang using Docker's client SDK with easy configuration.
- Implemented Dunner GoCD Plugin to automate deployments using containers and designed a Dunner cookbook for managing dunner tasks.

GoFood - GoJek

Feb 2017 - Aug 2018

- Developed a flexible order management system replacing legacy systems with zero downtime. Written in Golang, it could handle load 5x greater than previous, powering GoFood services to expand geographically.
- Built a real-time image processing service to serve images faster to consumers along with image processing capabilities like resizing, watermark and others that saved around \$20k per month.
- Implemented GoFood Content Management system along with various end to end flows for restaurant owners to manage content on GoFood platform with resiliency from ground up in services.

Gauge - ThoughtWorks Studios

Sep 2014 - Feb 2017

- Built a lightweight cross-platform test automation tool, that provides ability to author test cases in business language. In a plugin-based architecture, developed IDE and language plugins that interact with Gauge core.
- Lead and implemented migration of customer test suites from deprecated tool Twist to Gauge fully automated.
- Engaged with the open source community to drive product development and encourage contributions.

Academic Projects

- Designed and developed an Information Retrieval System in phases of indexing, retrieval and evaluation.
- Built a web and mobile application that enables citizens to report civic issues to authorities using a discussion forum and integrated with Maps API to avail Emergency Services.

EXTRA-CURRICULARS

- Co-Organized Network of Women event episodes to encourage women in Technology and Business.
- Volunteer of Google Code-In as a mentor to help students explore open source projects.
- Completed Junior grade in Karnataka Classical Music Vocal.