

Medhir Bhargava

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Skills

Web Application Development Typescript, React, Go, Docker, Kubernetes, AWS, GCP, Terraform

Others Product / Program Management, Market Research, C++, Python

For Fun 3D Modeling w/ Blender, Graphic Design, Photography, Electrochemical Biosensor Development

Work Experience

Software Engineer LightStep / San Francisco, CA (Remote) 2019 - 2020

- Responsible for the conceptualization & execution of solutions for a strategic initiative to deliver personalized email marketing campaigns that surface interesting tracing data to increase user engagement
- Implemented / scaled out a system to automatically detect error & latency regressions resulting from a service deployment
- Built a [Slack integration](#) to share previews of the UI for traces, latency histograms, and telemetry streams
- Fully owned the development of product email infrastructure by implementing a SendGrid-backed email service and a LightStep-branded responsive email HTML templating library, both written in Go.

Software Engineer II VIZIO — Software + Services / Seattle, WA 2019

- Enabled localization support for Apple's Airplay and HomeKit within VIZIO's smart TV user interface

Software Design Engineer II Microsoft Azure / Seattle, WA 2018 - 2019

- Maintained back-end pricing information APIs (C#) and front-end pricing calculators (React) for all Azure cloud services at <https://azure.microsoft.com>
- Managed the design and development of a branding refresh for the [Microsoft for Startups](#) program

Course Developer <https://educative.io> / Seattle, WA 2017 - 2018

[Web Development from Scratch](#)

Teaches the fundamentals of web development (HTML, CSS, + Javascript) with 47 test-driven programming exercises and over 150 interactive coding playgrounds. Students build two applications at the end of course.

Program Management Intern Microsoft Azure, Identity + Access Management / Seattle, WA 2016

- Developed detailed UX workflows to [enable governance of Azure resources within Privileged Identity Management \(PIM\)](#), a tool for monitoring and managing access to an organization's cloud-based resources
- Collaborated with enterprise customers, designers, and software engineers to design a new experience for provisioning permissions and activating just-in-time access to Azure resources within PIM

Teaching Assistant Intro to Software Engineering / University of Florida / Gainesville, FL 2015

- Independently developed a curriculum re-design that is used by 100s of students each semester.
- Implemented Github-driven assignments that guide students through building a full-stack web application with Node.js, Express, Angular, and MongoDB. Each assignment requires passing a suite of unit tests.

Research Assistant @ McLamore Lab / Gainesville, FL 2014 - 2015

- Developed a paper-based graphene nano-composite biosensor optimized for glucose and E.coli detection
- Co-authored publications in [Analyst](#) and [Biosensors & Bioelectronics](#)

Education

University of Florida Computer Science / Biological Engineering / Gainesville, FL