Medhir Bhargava

8221 4th Ave NE, Seattle, WA
mail@medhir.com
(407) 587-6435

medhir.com — github.com/medhir — linkedin.com/in/medhir

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 - Present
- Core member of "LightStep Insights". Built out data-driven personalized email campaigns for tracing instrumentation quality and surfacing 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 the SmartCast TV application
- Bootstrapped a Vue / Typescript application for editorial management of SmartCast content

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