Andrew Gu

andrew@mingbogu.com
mingbogu.com

EXPERIENCE

Zirtue, Remote US - *Engineering Manager/Founding Engineer*

DEC 2022 - PRESENT

➔ First full stack engineer hired. Inherited codebases from existing contractors and dove deep to spin myself up across the existing frontend, backend, and infrastructure as well as absorbing domain knowledge, documenting discoveries along the way. Fixed our legacy set of gRPC connected microservices to run on local machines, accelerating development time.

➔ Conducted candidate interviews, customer calls & integrations, built cross department relationships, and solved issues from web to mobile to backend to infrastructure.

➔ Managed two direct reports, reported directly to the VP of Product, and presented to the executive team to give updates and plan next steps. Presented to investors to secure series A funding.

➔ Planned, architected, and led development of the latest offering due to customers' demand. Worked cross functionally to gather requirements and share progress to a mix of technical and non technical folks. Built in React, Node.js, and set up build + deployment infrastructure across Github Actions and AWS.

Storyblocks, Arlington VA - *Senior* ➔ *Lead Software Engineer*

JAN 2021 - NOV 2022

➔ Joined a small team to build out the Storyblocks Plugin for Adobe Premiere Pro from zero in React and Node. Conducted ground work and research into various features, project set up, and integration into our existing engineering ecosystem. Worked cross functionally with various departments to scope out requirements and wrote up technical research/development plans.

➔ Led data & analytics integration for plugin to understand customer usage and determine continued investment into the project. Became point person for all data related projects.

➔ Mentored junior engineers and conducted technical interviews for candidates.

➔ Led & built backend for automating bonus payouts to our contributors that pays out thousands/month.

➔ Built proof of concept media encoder in Go, ffmpeg, AWS Lambda during hackathon to solve OOM errors.

Upside Business Travel, Washington DC - *Software Engineer*

AUG 2019 - JAN 2021

➔ Built features around shopping & booking inventory, security & monitoring in Typescript, Go & Python.

➔ Contracted to Heartbeat Health to rebuild and launch their P2P video chat application in Kotlin & React Native.

➔ Planned, built and launched a brand new product targeted towards the PPP loans in React & Node.

IBM, San Jose, CA - *Software Engineer, Daeja ViewOne*

JUL 2018 - JUL 2018

➔ Collaborated with two senior engineers, two product managers, and a designer in the UK and US to redesign a thirty year old document viewer by writing features in Java EE and Google Web Toolkit (GWT) and performing infrastructure upgrades to ensure stability and compatibility

EDUCATION

University of Maryland, College Park - BS, Computer Engineering

AUG 2014 - MAY 2018