Mason Tucker

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emple4

Senior Software engineer with 7+ years of experience in high risk, fast paced startup environments. Proven track record of developing and deploying backend systems and applications with a focus on scalability, reliability, and performance.

Looking for additional challenges and new environments. I'm open to all startups, big tech, and contract work. Greenfield and legacy projects too.

EXPERIENCE

Listella, Orlando FL — (Founding Engineer) Senior *Software Engineer (Backend)*

Oct 2021 - PRESENT

www.Listella.com – Sign up to be the first to list your home on Listella today! No commissions, no negotiations, no commitments.

– Participate in market and competitor research in order to contribute to the product roadmap.

– Architected the Listella backend from scratch.

– Built and maintained an in-house web framework for our core REST service in Go, in addition to several gRPC macro services.

– Responsible for core services including: Listing workflow, Image Processing, Bulk data pipelines, Payments, Real time Messenger, Task queue (delayed, scheduled and FIFO), PDF Processing, LLM integration, Auth and RBAC middleware. And more..

– Built and maintained internal documentation, and various tools for both non-technical and technical domains.

– Hire, onboard, mentor and assist engineers across the entire Listella stack.

– Oversaw Engineering as a whole reporting directly to the CEO.

Skills & technologies used: Postgresql, Bitbucket, CI/CD, Go, Redis, Cloud Run, Docker, LLMs, OpenCV, Websockets, http2, gRPC, ORMs, SQL, goroutines, channels, Cobra, Insomnia, Swaggo & Swaggerhub, BigQuery, Maps and other APIs, Stripe and more.

SKILLS
- Go
- Python
- Typescript
- Javascript
- C/C++
- Docker
- GCP (Cloud Run, Cloud functions, Storage, Load Balancer, CDN, Compute, SQL, Memory store etc)
- OpenCV
- Redis & Memcached
- Postgres, MySQL, MSSql
- Swagger
- ORMs
- CI/CD
- OAuth
- Microservices & Macro services
- Web sockets, http2, and gRPC.

AWARDS

– **2017 Google Startup Weekend**

– **2018 Florida Governor's Cup 1st Place Best startup**

– **2018 Proclamation from the city of Estero, Florida**

– **2021 Successfully exited vim**

– **2023 SWFL Inc Innovation Award**

Roomdig, Naples FL — (Founding Engineer) *Software Engineer*

July 2017 - Oct 2021 (Ongoing maintenance)

www.roomdig.com – College housing and roommate marketplace connecting students with on/off campus rentals. Available at 5,500+ colleges and universities nationwide.

– Designed and implemented the entire technical stack for RoomDig.

– Responsible for a complete rewrite and re-launch of an iOS App using swift 4 with our new backend.

– Built a Python Django Rest Framework Monolith to power our client services. In addition to the Web application for both our Student users and commercial users.

– Features included: PDF processing, Payments, Lease applications, Roommate matching, Listing matching, search, real-time messenger, analytics, user management, proprietary student verification. Support for parents, students, universities, property managers, and local advertisers.

– Work directly with Founders, Initial Customers, and our Users to gather and implement feedback.

– Hire and mentor college interns for both iOS and Backend.

– **Skills & Technologies:** GCP, App engine, Compute, CDN, Load balancer, storage, cloud functions, firebase, firestore, redis, memcached, websockets, long polling, celery, channels, MySQL, virtualenv, Angular, swift, pm2, nginx, bootstrap, stripe, docusign, pdftron, MySQL Workbench.

RobinTek, Columbus OH — Intern & *Web developer*

2013 - 2014

Digital media agency.

I had the honor of completing my high school internship at Robintek where I worked with each department to find my best fit. Gained valuable experience with HTML,CSS, VB, ASP.NET, ISS, Wordpress & more. Eventually it became a paid internship doing back end development.

Micro Center, Hilliard OH — Technical support

2016 - 2017

Provide easy and convenient support over the phone to help customers troubleshoot and fix their technical problems.

Independent Commercial Painting Contractor, Worthington OH

2015 - 2016

• Prep as needed, apply coatings by hand tools, or spray with pump
Apply chemical coatings to special surfaces,
Operate Either Scissor or Boom Lift,
Work with Superintendent and General Contractors on the job to
complete each phase.

EDUCATION

Florida Gulf Coast University, Fort Myers FL

2019 - 2019

Activities and societies: Runway Program

CEO Club

Columbus State Community College, Columbus OH

2015 - 2017

Java, HTML, Prezi, Python (Network & Pentest scripting), C ++, Content
Management Systems, VB.NET, ASP.NET, Mysql database setup,
Wordpress installation and development, SQL Database creation, CSS,
SQL Server, JavaScript, IIS, GitHub Project Management, Kali Linux,
VMware, Microsoft Office, Debian based Linux

Ohio University, Athens OH

2014 - 2015

Problem Solving with C++, Intro to Programming (Java), Intro. to
Communication, Pre-Calculus

Olentangy Orange High School, Lewis Center OH — *Diploma*

2014

Projects

I love to tinker in my free time. The most recent project I built publicly
was a tmux sessionizer CLI to export and load tmux environments from
json or yaml files.

A very minimal wrapper wrapper around the new GPT-4 apis from
OpenAI to enable quick access via my terminal to ask questions.

Configuring a local cloud network of various Raspberry pi models, Nvidia
Jetson Nano's, and an Asus tinker board to host my side projects to host
my side projects. Along with a console like AWS and GCP to manage
nodes, workloads and more. The goal is to eventually open source this for
the Raspberry pi community.

TypeGen (owned by Listella): A type converter that walks go file(s) and generates corresponding typescript interface files including comments.

An interpreted language called BOSS using go.

See more on my github

https://github.com/masonictemple4