Matt Wiseman

Full Stack Typescript Developer
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I'm a motivated software engineer with a pragmatic mindset. I have been working in the industry full time since 2018 in a variety of mostly backend focussed roles. I'm looking for a full stack, ideally backend focused role. I enjoy diving in and solving complex technical problems in the simplest way possible. Fostering a cohesive team culture, striving for clean performant code and professional growth are all really important to me.

The technologies I have the most experience with include
Typescript, Node.js, React, Postgres, MongoDB, Elasticsearch, Redis, AWS, Serverless, EKS, ECS, EC2, S3, Kubernetes, Docker, Linux

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Experience

Full stack Software Engineer   March 2021 - May 2023

Honeywell Sine

Honeywell Sine is a SaaS company offering visitor management and building access control solutions. The company was acquired by Honeywell shortly before I joined and began to scale up heavily. Initially joining as a full stack engineer, I worked in a cross functional product team before joining the Platform team where the priority was to improve productivity of the wider product development teams.

Typescript, Node.js, React, Elasticsearch, Redis, MongoDB, Postgres, AWS, Lambda, ECS, Kubernetes, Atlassian suite

My responsibilities in this role included;
- Revamping search at Sine - bringing Elasticsearch into Sine's stack, including designing data models, building and testing APIs, deployments and provisioning of an elasticsearch cluster. There were lots of interesting challenges within this project in which I had to devise ways of working around some architectural limitations
- Implementing and maintaining scalable, resilient microservices both in containers and serverless
- Monitoring system performance, troubleshooting issues, and optimizing services for maximum availability, performance and reliability.
- Maintaining and improving CI/CD pipelines
- Improving security within package management, pipelines and container images
- Contributing to shared packages and a microservice chassis project that enabled product development teams to develop faster and more consistently
- Providing code reviews and mentoring other engineers within the company
- Discussing technical design and architecture with the engineering team members
- Collaborating with cross-functional teams to define requirements
- Presenting numerous 'Lunch and Learn' presentations on various topics including Elasticsearch, RxJs, Redis, Node.js

Backend Software Developer   Oct 2018 - March 2021

Easygo Gaming Solutions, Melbourne

Typescript, NodeJS, React, RxJS, Postgres, ElasticSearch, InfluxDB, Redis, NATS, gRPC, GraphQL, Kubernetes, AWS, Terraform

Easygo is a gaming solutions provider, building cryptocurrency casino and sports book projects including the largest crypto currency casino in the world, stake.com. I started this role as a junior and rapidly became an integral member of the 6 member backend team.

My responsibilities in this role included;
- Involved with all phases of the development lifecycle within the scope of the backend, of which I was the initial contributor to a number of greenfield projects
- Contributed to 50+ individual microservices
- Took part in migrating legacy monolith to an event driven microservice architecture on Kubernetes that handled 150 Million+ bets per day and 5000+ active users from all over the world at any given time.
- Created a slots game, designing API and business logic with a TDD approach
- Integrated multiple user analytics services, "Know your Customer" service
- Created a TRON blockchain adapter to provide transaction services
- Created a translation template parsing engine
- Created and maintained various other services that provided bet archive exporting, OAuth login, wager race tracking and bonusing systems

Full stack JS developer (Intern)   June-Oct 2018

Trust Mapping, Melbourne
React, NodeJS, Meteor, MongoDB

Event manager, 2015-2018
Coffee Clique, Melbourne

Graphic Designer, 2012-2018
Part time, Freelance

Education

Bachelor of Design (Communication, Web and Mobile), Swinburne 2016-2017
Bachelor of Design (Communication), Massey University, Wellington 2015-2016
Advanced Diploma Design, Tea Tree Gully Tafe, Adelaide 2011-2013

References available upon request.