

Grant Matejka

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Product Minded Software Engineer w/ Master's of Computer Science

Summary

Passionate software engineer with a proven track record of building products people love and teams that build with tenacity, conviction and consistency. I have been a key player in the design, development and launching of multiple B2B and B2C products, culminating in multiple millions of dollars in deals and many happy customers. I love solving hard problems, thinking outside the box and building highly skilled and motivated teams.

Education & Skills

Masters of Computer Science & Bachelors of Software Engineering - California Polytechnic, San Luis Obispo
TypeScript, JavaScript, React, Postgres, Node, Full Stack, REST API's, Microservices, Distributed Systems

Professional Experience

Senior Software Engineer | Remote - *Andesite AI* (July 2024 - Present)

- Engineering leader responsible for building teams and product.
- Led team of 7 engineers to build out core product functionality approaching general market availability before moving on to special projects and technical foundation work
- Built foundational technologies of the company; resp. for securing major govt and private institution deals
- Built product verticals (React/TS/Python/FastAPI) while developing skill sets of fellow technical staff

Software Engineer | Boston, MA - *Tulip Interfaces* (July 2022 - July 2024)

- Built, launched and maintained key customer product vertical; no-code editor for building automated workflows (TypeScript, Node, React, Redux, D3). Utilized user & A/B testing for initial vision development
- Built, documented and maintained compiler/runtime to compile custom AST to JavaScript, to be executed in sandboxed WebAssembly environment (QuickJS), used for event driven (RabbitMQ) ecosystem
- Wrote specification and architectural design for scheduled workflows product vertical, while deploying multiple new micro service design patterns to org (dynamic sharding, outbox) and public REST APIs

Part Time Software Developer | San Luis Obispo, CA - *iFixit* (Nov. 2020 - Jan. 2022)

- Responsible for maintenance of legacy codebase; active conversion to modern systems; 10+ Million MAU
- Full stack development across highly structured/OOP, PHP backend and JS/React/NextJs frontend
- Utilized Agile management across hybrid team with thorough quality assurance and code review practices

Part Time Software Developer | San Luis Obispo, CA — *The Parable Group* (Jan. - Dec. 2020)

- Full stack SPA development using C#/ASP.NET Core 3, the Blazor framework and Azure
- Independently built product offering from concept, to prototype, to launch, including Azure CI/CD

Relevant Coursework & Accolades

Academic Accolades: Master's Degree with Distinction, Summa Cum Laude Undergraduate

Coursework: Distributed Systems, Advanced C++, Programming Languages, Compilers (LLVM IR to WASM)

Profiles, Portfolios & Projects

Website: <https://www.grantmatejka.com>

LinkedIn: <https://www.linkedin.com/in/grantmatejka>

Rasm: A Racket to WebAssembly compiler available on GitHub.