

Grant Matejka

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

Summary

Product-minded software engineer with experience building and scaling B2B and B2C products across AI, workflow automation, and small business. Strong full-stack background spanning TypeScript, React, Node.js, Python/FastAPI, distributed systems, and agentic AI systems. Experienced leading cross-functional initiatives from architecture through launch in high-growth startup environments.

Education & Skills

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

Professional Experience

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

- Led engineering initiatives spanning roadmap planning, technical architecture, and team coordination across cross-functional product teams; organization delivered 85% of projects on or ahead of schedule
- Designed and built the company's core agent framework/harness using proprietary infrastructure and LangChain, enabling multi-agent coordination across the platform's distributed workflows; utilizing extensive evaluation suites
- Productionized an internal FastAPI proof-of-concept into a scalable platform by revamping the full stack and implementing authentication/authorization, asynchronous job processing, and autogenerated type-safe API clients
- Developed and shipped full-stack product features across React, TypeScript, Python, FastAPI, Postgres, and AWS while mentoring engineers and establishing technical foundations

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

Profiles, Portfolios & Projects

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

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

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