

Dylan McLane

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Summary

Full Stack Engineer with 6+ years building web applications, APIs, cloud infrastructure, and hands-on experience building AI-powered software. Strong in setup, maintenance, and device troubleshooting for all Apple products. Strong in TypeScript, Python, React, PostgreSQL, AWS, and LLM application development, with experience developing products from system design through deployment

Experience

Founder - [intuitivEarth](#)

June 2025 – Present

Building and operating two products under intuitivEarth:

[Gilded Grove](#) - estate operations SaaS for UHNW clients

- Set up and maintain 10+ iPhones, Macbooks, and iPads in-house for client with family of 4 and for 3 other employees of the family
- Conceived and built Gilded Grove from firsthand experience inside UHNW household operations, translating recurring workflows and operational gaps into product requirements.
- Built a Next.js/TypeScript/PostgreSQL platform that turns notes, emails, and photos into risk-flagged tasks, sourced recommendations, and a full audit trail.

[DiagnoseURL](#) - diagnostics API for autonomous AI agents

- Shipped a live production API processing payments via x402 network. Returns structured HTTP, DNS, TLS, and security diagnostics for AI agents.

Senior Full Stack Engineer - [Qualitybot.ai](#)

August 2023 - June 2025

- Built an AI chatbot from scratch with React, TypeScript, Python, and GPT-4o, taking it from initial development through pilot deployment and landing 2 pilot customers.
- Deployed the backend on AWS Lambda with Terraform (IaC), establishing reproducible serverless infrastructure.
- Designed RAG prompts and guardrails to improve chatbot reliability while working directly with stakeholders on product requirements.

Full Stack Engineer - [Esri](#), Redlands, CA

February 2020 - August 2023

- Supported state government and enterprise clients on ArcGIS solutions, including Tier 3 escalations.
- Recovered and migrated SQLite databases from mobile devices to MySQL. Built data-validation schemas to reduce stray data.
- Built REST APIs for routing and geocoding and automated regression test scripts in Python.
- Hired and mentored 5 junior engineers, contributing to a 24% increase in customer success outcomes.

Skills

Languages: TypeScript, JavaScript, Python, SQL, C, Rust

Web / APIs: React, Next.js, Node.js, Express, REST APIs, MCP, Angular

AI / Data: RAG, LLM APIs (OpenAI/ChatGPT, Gemini, Claude), LangChain, PostgreSQL, Prisma, Supabase

Cloud / Infrastructure: AWS (Lambda, EC2, S3, DynamoDB), Terraform, Docker, Vercel, CI/CD, Git, Linux

Education

College of Charleston, Bachelor of Science in Geology, Charleston, SC

2016 - 2019

- *Vice President, Geology Club (2018 - 2019)*, leadership, teamwork, and communication skills
- Learned Python, ArcGIS Pro, and ArcGIS Online for undergraduate research project paid by stipend and presented undergraduate geochemistry research at the AGU annual convention 2018