

Jedidiah Bowlding

Baltimore, MD • jbowlding.com • github.com/queryoneai • linkedin.com/in/jedidiahbowlding
Email: jedidiahbowlding@yahoo.com • Phone: (910) 336-1992

SUMMARY

AI and Software Engineer with hands-on experience building production AI platforms, SaaS systems, and scalable cloud infrastructure. Proven expertise in full-stack development, AI agent architecture, automation, and backend systems using modern technologies including Python, TypeScript, PostgreSQL, Docker, and OpenAI APIs. Certified in Google Data Analytics and UX Design with strong foundations in data analysis, system design, and AI-driven applications.

TECHNICAL SKILLS

Programming Languages:

Python, TypeScript, JavaScript, SQL, Bash, R

AI / Machine Learning:

OpenAI API, AI Agent Architecture, Prompt Engineering, LLM Integration, Automation Pipelines, RAG Systems

Frontend Development:

Next.js, React, Vue.js, TailwindCSS, HTML, CSS

Backend Development:

Node.js, Express.js, FastAPI, REST APIs, WebSockets

Databases & Data:

PostgreSQL, Prisma ORM, Redis, pgvector, SQL, Data Analysis

DevOps & Infrastructure:

Docker, Docker Compose, Linux, Nginx, PM2, DigitalOcean, CI/CD

Blockchain & Web3:

Ethereum, Solana, Smart Contracts, Wallet Integration

Tools & Platforms:

Git, GitHub, Docker Hub, Linux Server Administration

PROFESSIONAL EXPERIENCE

Founder & Lead AI Engineer

Agentik Vault | 2025 – Present

Built and deployed a full-stack AI agent orchestration platform enabling secure deployment and management of AI agents.

Key contributions:

- Designed and deployed scalable AI agent platform using OpenAI APIs
- Built backend systems using Node.js, PostgreSQL, and Docker
- Implemented secure containerized agent runtime environments
- Created full-stack web interface using Next.js and React
- Developed REST APIs for agent lifecycle management
- Deployed production infrastructure using Linux, Docker, and Nginx

Impact:

- Reduced manual deployment time by over 90% through automation
 - Created scalable architecture capable of supporting multi-user AI deployments
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AI Platform Engineer

QueryOne Protocol | 2025 – Present

Developed AI-powered SaaS platform integrating intelligent agents and blockchain infrastructure.

Key contributions:

- Built AI query engine using OpenAI APIs
- Designed scalable backend systems using Node.js and PostgreSQL
- Implemented blockchain integrations and secure authentication
- Built automation pipelines for AI processing workflows

- Developed real-time API infrastructure
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Full-Stack Software Engineer

Independent Projects | 2024 – Present

Developed and deployed multiple AI-powered SaaS platforms and automation tools.

Key projects:

AI Content Automation System

- Built automated system for generating and publishing AI-generated content
- Integrated transcription, AI processing, and automated publishing

AI Agent Infrastructure

- Developed custom AI agent frameworks and deployment pipelines

SaaS Platforms

- Designed and deployed scalable applications using modern web stack

Technologies used:

Python, TypeScript, Node.js, PostgreSQL, Docker, OpenAI API

EDUCATION & CERTIFICATIONS

Google Data Analytics Professional Certificate

Google | Completed October 2023

Skills gained:

- Data Analysis
- SQL
- R Programming
- Data Visualization
- Exploratory Data Analysis

- Spreadsheet Analysis
- Business Intelligence
- Data Cleaning and Transformation

Key coursework:

- Data Analysis with R Programming
 - Google Data Analytics Capstone Project
 - Process Data from Dirty to Clean
 - Analyze Data to Answer Questions
 - Share Data Through Visualization
 - SQL Data Analysis
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Google UX Design Professional Certificate

Google | Completed October 2023

Skills gained:

- User Experience Design
- User Research
- Product Design
- Web Design
- Interface Design

Relevant to software engineering:

- Application UI/UX architecture
 - User-centered design
 - Software usability optimization
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PROJECTS

Agentik Vault

AI agent orchestration platform

Technologies:

Next.js, Node.js, Docker, PostgreSQL, OpenAI API

Features:

- AI agent deployment
 - Secure runtime isolation
 - Full dashboard interface
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QueryOne Protocol

AI-powered intelligent automation platform

Technologies:

TypeScript, PostgreSQL, OpenAI API, Blockchain

Features:

- AI automation engine
 - Backend infrastructure
 - Intelligent processing pipelines
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ADDITIONAL QUALIFICATIONS

- Certified in Data Analytics and UX Design (Google)
- Extensive hands-on experience deploying production AI systems
- Strong backend and infrastructure expertise
- Experience with scalable SaaS platforms
- Advanced Linux and Docker experience