

About Daniel Podolsky

Professional Summary

I'm a full-stack developer who got obsessed with AI integration. Now I build projects that try to integrate LLMs in smart, efficient ways - sometimes practical, sometimes just fun (like this portfolio's RAG-powered chatbot you're probably talking to right now).

My team won 1st place at the H.I.T. Hackathon and 2nd place at the AWS Public Sector Innovation Hackathon with MentorHIT, an AI-powered academic mentoring platform. I work primarily with the MERN stack and various LLM frameworks, focusing on making AI actually useful rather than just throwing it into everything.

Currently looking for full stack or GenAI junior software engineer positions where I can keep building things that people actually want to use.

Military Background

I served in the Israel Defense Forces as a Combat Medic and Drone Operator. Received a Distinguished Combat Soldier Award.

Technical Skills

It's hard to determine whether you're actually good at something in tech. I just use these tools and keep learning interesting stuff every day:

Languages

- JavaScript/TypeScript
- Python

Frontend

- React
- TailwindCSS

Backend

- Node.js
- Express
- MongoDB

Cloud & Infrastructure (AWS)

- Lambda
- Bedrock
- OpenSearch
- API Gateway
- DynamoDB

AI/ML Frameworks

- Amazon Bedrock
- LangChain
- OpenAI API

DevOps & Tools

- Git
- Docker
- GitHub Actions

Projects

MentorHIT (1st Place H.I.T. Hackathon, 2nd Place AWS Public Sector)

Problem

Students struggle to get personalized academic guidance and mentorship at scale. Educational institutions can't provide individual support to growing student populations, and students often don't know what path to take or who to ask for help.

Solution

Our team believed it's time for students to get ideal roadmaps and have access to mentorship from day 1. We built an AI-powered academic mentoring platform using RAG-enhanced LLMs with institutional knowledge bases. The system uses React frontend, AWS Lambda for serverless architecture, Amazon Bedrock for LLM capabilities, and OpenSearch for the RAG implementation. Students can ask questions about courses, career paths, and get personalized guidance based on their academic profile.

Impact

Won 1st place at H.I.T. Hackathon and 2nd place at AWS Public Sector Innovation Hackathon. The project demonstrated how AI can scale personalized education support - something that wasn't possible before.

LLM-Powered Log Analyzer

Problem

Manual log analysis is time-consuming and error-prone. Critical infrastructure issues like database failures, network outages, and security breaches get buried in logs, delaying incident response.

Solution

Built a containerized microservices platform with React frontend, Node.js analyzer service, and Python LLM service. Uses factory pattern for LLM provider abstraction (supports Face, OpenAI), statistical analysis engine, and automated email alerting with rate limiting. The system automates anomaly detection and root-cause classification.

Impact

Personal project for learning how to work with LLMs effectively and reduce incident response time through intelligent automation.

Developer Portfolio

Problem

No portfolio.

Solution

Built one. Modern React with TypeScript and performance optimization. Added a RAG-powered chatbot so visitors can ask questions about me instead of reading everything (also kind of a flex).

Impact

Now I have a portfolio. Deepened my understanding of modern React patterns, component-driven architecture, Vite build optimization, and production-grade frontend practices including accessibility and performance tuning.

Education

B.Sc. in Computer Science

Holon Institute of Technology

Graduated August 2025 | GPA: 89

Had lots of fun, learned a lot.

Personal Interests

Gaming

I really love competitive games. Counter-Strike is my main game - was Global Elite in CS:GO, and my highest premiere ranking in CS2 hit 22,000. I love AWPing, being an in-game leader, and playing with my friends. That's what makes it fun for me.

I also play Valorant sometimes when I want something more chill, Arc Raiders (which is super nice), and FIFA - been playing on and off since FIFA 13.

Basketball

I played basketball professionally from age 9 to 17. Started with soccer around age 6, but switched to basketball at 9 and stuck with it. Still play whenever I can.

I follow the NBA and keep up with Deni Avdija. On and off the court, I'm always thinking about my next move - it's just how I approach things.

Contact

You can reach me through the contact form on this site.

Fun Facts

I'm really into competitive gaming - mainly Counter-Strike where I hit Global Elite in CS:GO. There's something about the strategy and teamwork that just clicks for me.

Basketball is a big part of my life too. Played professionally until I was 17, and I still love getting on the court with friends whenever I can. It's not just about the game - it's about the people you play with.

At the end of the day, I'm someone who loves competing, strategizing, and doing things with people I enjoy being around - whether that's gaming, basketball, or building software.