

Mike Goldman

Senior Fullstack / Elixir & Python Engineer

Profile

Experienced software engineer with 7+ years in fullstack development, specializing in backend services with Python and Elixir. Proven expertise in building scalable applications on AWS, developing RESTful APIs, and integrating generative AI solutions. Adept at Agile and Scrum methodologies, with extensive experience in cloud management, SQL databases, and modern DevOps practices.

Experience

Software Engineer – Fullstack & API Development | TwentyTwos

April 2023 – Present

- Architected and developed an end-to-end AI-driven chat application using modern cloud services and scalable serverless infrastructure on AWS.
- Designed robust API contracts and implemented RESTful endpoints in Python and TypeScript to integrate chat, billing, and organizational management functions.
- Mentored junior developers on Next.js and frontend best practices while ensuring comprehensive test coverage, observability via CloudWatch, and CI best practices.
- Collaborated within an Agile team, rapidly iterating new features and integrating machine learning components to enhance application performance and user engagement.

Self-Employed / Freelance

January 2019 – April 2023

- **AI Cover Generator App:** Led the full-cycle development of an AI-powered app using Elixir (Phoenix) and Rust, streamlining professional asset creation with integrated payments and high-performance WebAssembly enhancements.
- **Creator's Hub Platform:** Built a platform using Elixir Phoenix and JavaScript that integrated secure file uploads to AWS S3-compatible storage and

optimized UX/UI across devices, including developing database schemas with PostgreSQL.

- **Additional Projects:**

- **Institute Website:** Developed a secure, full-stack platform using GoLang, Vue, and MySQL with JWT-based authentication, ensuring smooth data migration and minimal downtime.
- **Self-Publish Platform:** Engineered a Python Django-based system with responsive design and engaging animations, handling automated submissions and email integration.
- **Fashion Studio Website:** Created a mobile-friendly site with SvelteKit and Python to automate metadata extraction and deliver unique UI animations.
- **Blockchain Payment Distribution App:** Developed secure smart contracts in Solidity and integrated with Svelte-based frontends for efficient team-based payment systems.
- **Bank Event Website:** Designed and implemented a JavaScript and Firebase internal tool with optimized performance for real-time personalized messaging.

Networking Specialist / Help Desk | Silocom, Israel

August 2018 – January 2019

- Delivered technical support for network and VoIP issues.
- Configured enterprise routers via subnetting.
- Automated routine troubleshooting with custom bash scripts.

Education

Cyber-security, Hackeru, Tel-Aviv

2017 – 2018

Skills

