

H. Mango

+1 (312) 545-0484 | hmango77@gmail.com | [Portfolio](#) | [LinkedIn](#)

ITALIAN JORDANIAN | FULL STACK ENGINEER | SOFTWARE CONSULTANT/ENGINEER

PROFILE

Top 0.1% globally ranked developer building high-performance distributed systems in Python, Go and Rust. Front-end specialist evolved into full-stack engineer with expertise in JavaScript, React/TypeScript, real-time data processing (50K+ TPS, <5ms latency). Combines technical design with financial domain knowledge to deliver systems that outperform conventional solutions.

WORK EXPERIENCE

MarketFlow

Dec 2024 - Present

Independent Software Engineer

Remote, USA

- Architected a real-time trading surveillance system using the hollywood actor framework in Go, processing 50k+ events/sec via gRPC and protobuf with <5ms P99 latency
- Reverse-engineered APIs to fetch and process real-time stock options data, enabling detailed financial analysis with trade sentiment
- Designed congressional trade monitoring system using Go, tracking 100+ lawmakers' disclosures in real time

Wajeez

Nov 2022 - March 2023

Software Engineer Intern

Amman, Jordan

- Implemented quality assurance through A/B testing strategies for user authentication flows, resulting in 18% improvement in conversion rates
- Refactored React/JavaScript components to handle complex data structures, enhancing application stability and performance
- Built and integrated RESTful API interfaces for audio content delivery and user account management
- Collaborated in agile development sprints, participating in sprint planning, execution, and quality review processes

Clear Profits DM

April 2021 - August 2022

Web Developer

Monmouth, Illinois

- Developed responsive web interfaces using Next.js and TailwindCSS, improving performance metrics and user engagement by 40%
- Established automated testing pipeline using Docker and Google Analytics to capture and analyze website interaction data
- Applied data-driven quality improvement processes to optimize content and platform performance
- Collaborated cross-functionally to scale digital marketing initiatives through continuous performance monitoring and refinement

EDUCATION

- Bachelor of Science in Computer Science with Minor in Finance - Class of '24 - Knox College, USA
- Key Coursework: Software Engineering, Machine Learning, Artificial Intelligence, Software Testing, DBMS, Applied Data Structures
- Certifications: Automating Data with Python (Google/Meta/Coursera)

PROJECTS

Gas Price CLI App | Rust, Reqwest, HTTP Client, GraphQL API, Serde, Tokio

- Real-time gas tracker command line interface with GraphQL handling requests; 99.9% uptime over 6 months
- Developed and maintained using JavaScript to visualize gas price trends and network activity

Solana Token Aggregator CLI | Golang, Javascript, Solana Blockchain

- Tracked 5000+ daily Solana token launches via REST APIs and Websockets; built latency-optimized alert system (<200ms)
- Implemented real-time monitoring of memecoin metrics to identify high-potential tokens early
- Built efficient data parsing algorithms to extract and filter relevant launch information

3D Mango Component | JavaScript, React Three Fiber, WebGL, Womp

- Designed mango with womp tools to extrude and format the shape of the mango, then exported to GLTF/GLB files
- Implemented camera controls and object manipulation using 3D mathematical transformations
- Built custom scene shaders to optimize responsiveness and spatial visualization different screen sizes
- Elevated user experience through scroll-based animations that smoothly transform viewing perspectives and object properties

SKILLS

Cloud/DevOps: Docker, Kubernetes, Kafka, Prometheus, CI/CD, Git, Firebase, Railway

Backend: Golang, Rust, gRPC/protobuf, Node.js, WebSocket, PostgreSQL, SQL, Python, Scrapy/Playwright

Frontend: React/React Native/TypeScript, Next.js, Svelte, ThreeJS/WebGL, REST/GraphQL, TailwindCSS, CSS, Framer, Figma

Languages: Fluent in Arabic/English; conversational in Spanish and Portuguese