

OM MORE

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EXPERIENCE

- Sun Motors | Senior Software Developer** Jan 2025 – Jun 2025
- Scaled inventory from ~10–20 k to 150 k + vehicles by adding critical **MongoDB indexes** and running **count/results queries in parallel**—letting search results render instantly while totals load separately.
 - Deployed **Google Chat–integrated cron monitoring** that posts “start” and “complete” events for sync/export jobs, giving the team real-time visibility and eliminating manual status checks.
 - Built an **AI CRM chatbot** with **LangGraph** that books test drives, routes calls, creates follow-up tasks for sales reps, and answers buyer questions on vehicles and financing.
- MetaBot | Software Developer** Dec 2023 – Jan 2025
- Integrate **OpenAI** to perform web3 functions like swap, transfer with just simple input box for user.
 - Use **OpenAI** tool calls to **stream** dynamic UI from server.
 - Integrate **1inch**, **lifi** and **jupiter** (for **solana**) to perform buy, sell and swap.
 - Create **telegram** bot reusing all the functions made for webapp.
- Kodex.io | Junior Software Developer** Apr 2023 – Sept 2023
- Patched bugs and failures of ENS sales bot (**20 k** followers) by listening to **incidents**.
 - Developed **NextJS** app which will generate a report for gas comparisons between smart contracts.
 - Created a service in **Rust** to loop through new registrations and tag if it is premium or not.
 - Developed REST APIs in **Rust** for collecting data from different sources like **Reservoir**, **Postgres** and then providing it in one API call.
- Lazarus Network | Software Developer** Mar 2022 – Dec 2022
- Worked on **MyriadFlow** where users can create their own **NFT** marketplace.
 - Introduced a **Helm** chart which saved our hours of time for new apps.
 - Helped FE interns with PR reviews, issues and upgrades related to **NextJS** and **web3** libraries.
 - Create and maintain web3 authentication module made with **GoLang** and **go-ethereum**.

SKILLS

Programming Languages: C, C++, Lex, Rust, TypeScript, GoLang, Swift, Python, Shell script
Libraries/Frameworks: React, Angular, GinGonic, NodeJS, GRPC, Kubernetes, Helm
Databases: MySQL, Postgres, MongoDB, IndexedDB

PROJECTS / OPEN-SOURCE

- iOS App for Haven | Link** *Swift, SwiftUI, GoLang*
- Built native iOS app for privacy-focused chat platform using **Swift** and **SwiftUI** with latest iOS APIs.
 - Created and maintained **cgo bindings** between Swift and the **GoLang** SDK for seamless native integration.
 - Implemented secure messaging protocols adhering to xxNetwork’s privacy standards.
- Haven Browser Extension | Link** *Svelte, TypeScript, Chrome APIs, GoLang*
- Developed secure browser extension using **Svelte** and **TypeScript** with **Chrome APIs** to store sensitive keys outside localStorage.
 - Implemented type-safe message passing system with strict payload validation for enhanced security.
 - Added external **KV storage support** in **GoLang** with comprehensive unit tests for data persistence.
- OS from scratch | Link** *Assembly, C, Make, i386*
- Started this project to understand how an **OS** works at low level.
 - Coded a simple boot loader in **assembly** and implemented printing routines with **BIOS** functions.
 - Switched to **32-bit protected mode** using **GDT**.
 - Created a **Kernel** in **C** and implemented **print** and **println** along with auto-scroll.
 - Wrote **inline assembly** to read/write data from controller registers like display (0x3D4, 0x3D5).
- Mini C Compiler | Link** *C, lex, bison, make*
- Implemented a small subset of **C** compiler functionality.
 - Began with **lexical** analysis for identifying various **tokens** like data types, operators, etc., using **regex**.
 - Created **syntax grammar** to process parsed tokens with **bison**.
 - Maintained a **symbol table** while parsing to check for errors such as duplicate variable declarations.
 - Generated **op-code** as output for high-level C code.