

STEPHEN POLIN

spolin44@gmail.com | 561-335-8760 | Orlando, FL | stephenpolin.com | linkedin.com/in/stephen-polin

SKILLS

Programming Languages: Python (TensorFlow, Torch), Golang, JavaScript / TypeScript (Next.js, Three.js), Java, C, R, Solidity
Tools and Frameworks: AWS, GRPC, Grafana, Linux, Redis, Prisma, GraphQL, Docker, NGINX, Cloudflare, Stripe, Auth0

EDUCATION

Bachelor of Science, Computer Science

University of Central Florida

May 2025

3.71 tGPA | Orlando, FL

Relevant Courses: Stats of Data Science & AI, Algorithms for ML, Advanced Data Structures and Algorithms, System Admin & Maintenance

WORK EXPERIENCE

Cerobi

Co-Founder / Principal Engineer

Feb 2022 - Present

cerobi.io

- Designed and developed tailored full stack applications to meet diverse business needs
- Modernized outdated websites by creating engaging UI/UX using 3D rendering with Three.js and Framer Motion for interactive user experiences
- Established pipelines for containerized Docker applications and constructed robust testing scripts in Golang and Typescript, ensuring a stable and efficient production environment
- Led and collaborated with development teams to provide effective project management and delivery

Ascend FBA

Co-Founder / Lead Engineer

May 2024 - Present

ascendarbitrage.com

- Co-founded an e-commerce business that successfully onboarded over 100 paying users per month, demonstrating strong market demand and customer retention
- Engineered and deployed over five robust modules, each comprising multiple underlying services with protobuf remote communications using the actor paradigm in Golang, achieving a remarkable 99% uptime
- Led a team of developers in strategic planning and execution, ensuring efficient management across diverse applications and timely delivery of multiple deployment projects
- Enhanced user accessibility and engagement by integrating a comprehensive Discord bot for streamlined software control through intuitive interactions and commands

Freelance Full Stack Development

Full Stack Developer

Mar 2023 - Present

stephenpolin.com

- Delivered high-quality full stack development services to over 10 clients, consistently meeting tight deadlines with precision
- Built a comprehensive CMS application featuring dynamic page routing, customizable blog posts, author management, and content recommendation systems
- Developed websites with modern, sleek designs incorporating Web3 integration and automated workflows
- Implemented OAuth for secure user authentication and integrated e-commerce payment systems using Stripe

PROJECT EXPERIENCE

Transfer Learning in Reinforcement Learning (UCF Research)

Python / Torch / Gymnasium

Jun 2023 - Jul 2024

github.com/stevohuncho/reward-shaping

- Researched Transfer Learning methods in Reinforcement Learning, focusing on techniques like Reward Shaping and Policy Transfer
- Developed an AI agent using PyTorch neural networks, capable of adapting to varying observation space sizes, enabling effective transfer of learning across different environments
- Reduced training time by 50% in Gymnasium grid world environments through optimized learning strategies
- Presented research findings to a specialized audience of AI graduate students and professors, facilitating knowledge exchange

Stevo Go Utils

Golang

Jan 2024 - Present

github.com/stevo-go-utils

- Developed a suite of 5+ public Golang packages for streamlined utility imports, enhancing development efficiency across various projects
- Created a Golang Discord wrapper for simplified application development, featuring intuitive command handling, error support, and a pagination module for easy data navigation
- Designed a repository of concurrent-safe data structures in Golang, preventing common developer errors and supporting versatile project use with type generics
- Designed an IO/File management package with enhanced error handling, supporting multiple data formats, including custom JSON, TOML, and CSV

Page Presence

React / Next.JS / TypeScript

Aug 2024 - Present

github.com/stevohuncho/Page-Presence

- Developed an NPM package that provides a unique solution for implementing page route animations in Next.js App Router, fully compatible with all Framer Motion projects
- Designed a rollup script to automate the pipeline for generating type bindings, optimizing package size, and publishing updates to NPM with version changes
- Created comprehensive documentation with practical examples to ensure a seamless user experience across various projects