

EXPERIENCE

Full-Stack Developer

October 2025 – August 2026

Get Robo VPN (t.me/getrobovpnbot)

Remote

- Implemented DPI bypass by masking traffic with Xray protocols, cascade VPN routing, and VK TURN calls proxy, boosting traffic and reducing support requests.
- Owned end-to-end development of whitelist censorship bypass, gifts, referral systems, and promotional campaigns; built dashboards and auto Telegram reports, boosting MRR 60%.
- Managed 20 servers and improved stability, cut maintenance time and costs, and boosted VPN speed.
- Built and maintained a React website clone of a Telegram Mini-App with email and Telegram authentication, delivering SMTP transactional emails.
- Refactored 50k LOC across frontend, backend, billing, API, and bot, cutting bugs and maintenance time 10x and speeding feature delivery 3x.

Full-Stack Developer / Web Designer

2024 – 2025; updates in 2026

Garments Parliament (garmentsparliament.com)

Remote

- Built a modular Flask e-commerce platform using Blueprints, PostgreSQL, and SQLAlchemy, with automated scraping and Gemini image-based product categorization.
- Implemented Celery workers with RabbitMQ and a PostgreSQL-backed job outbox for scraping and AI classification, with duplicate protection, bounded retries, and manual review before publication.
- Built a React/TypeScript catalog-review workspace with Zod response validation, bulk approval, and version checks to prevent overwriting concurrent edits; added Redis-backed import rate limits.
- Reverse-engineered Akamai Bot Manager protection to build automated web scraper with Proof-of-Work solver and Chrome TLS fingerprint impersonation, cataloging thousands of items.
- Optimized frontend asset delivery and implemented technical SEO best practices, achieving 95+ PageSpeed scores and 5,000+ monthly organic visitors.

Full-Stack Developer / Content Creator

2022 – 2025; updates in 2026

NewEd (new-ed.org)

Remote

- Built and deployed an EdTech platform using FastAPI, PostgreSQL, and SQLAlchemy, with signed-cookie sessions and authenticated lesson-progress tracking.
- Built a React/TypeScript language-lesson player with Zod exercise validation, typed answer-state transitions, handwriting practice, and retryable progress saving.
- Implemented Redis caching for pronunciation audio with a 24-hour TTL and atomic Lua rate limits, avoiding repeated external TTS requests on cache hits.
- Added RabbitMQ/Celery background jobs for content generation, with durable PostgreSQL job records, duplicate protection, retries, and review before publication.
- Built interactive 3D simulations with Three.js and Blender GLTF models, raycaster drag-and-drop mechanics, post-processing and real-time proximity-based algorithms.

PROJECTS

Real-Time Computer Vision Poker Bot | *Python, OpenCV, Computer Vision*

- Automated screen-parsing pipeline to capture and analyze live table states, mapping game variables against GTO strategy matrices for real-time decision output.

AI-Powered IoT Smart Home Assistant | *Python, ESP32, Gemini API, Docker*

- Built an event-driven home automation assistant integrating live camera feeds with Gemini AI, local ESP32 environmental sensors, and agentic PC access.

Linux Plasma KDE QML Widgets (store.kde.org/u/ssstouss) | *QML*

- Developed open-source Plasma widgets using QML for productivity and desktop customization.

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, SQL, HTML/CSS

Frameworks & Libraries: React, FastAPI, Flask, Celery, Zod, Node.js, Three.js, OpenCV

Infrastructure & Data: Linux, Docker, PostgreSQL, Redis, RabbitMQ, Nginx, Git, Google Cloud

AI & Concepts: Gemini API, Background Job Processing, TensorFlow, scikit-learn