

Summary

Dynamic Full-Stack AI/Web Mobile Engineer with a proven record at FlexScript, excelling in designing and executing over 36 innovative software solutions. Proficient in JavaScript and Agile methodologies, I enhance system performance while effectively collaborating with cross-functional teams to deliver high-quality results in fast-paced environments.

Skills

- JavaScript
- HTML/CSS
- Next.js
- React.js
- Node.js
- Typescript
- Docker
- Git
- NFT Marketplace
- Live Steaming
- WebSocket
- MongoDB
- Django
- AI /ALGO
- ML/DL
- NLP
- Python
- Scrum/Agile
- CLI
- CI/CD

Experience

DevCraft Agency (Remote, Full time)

03/2021 - 10/2024

Senior Full Stack AI/Web3 Engineer

Knoxville, TN

- Developed code following common security practices and development design patterns.
- Wrote 210+ unit tests to verify the functionality of user interfaces, back-end processing, connectivity, and relational database interactions.
- Maintained 8+ systems and applications as Tier 2 support (break-fix and data changes).
- Documented 100% of technical specifications and dependencies of applications.
- Participated in the planning and execution of 10+ business continuity/disaster recovery exercises.
- Implemented 28+ system and application designs.
- Led a cross-functional team to develop a decentralized finance (DeFi) platform, increasing transaction throughput by 41% and reducing gas fees by 28% through innovative smart contract optimization.
- Architected and implemented a blockchain-based identity verification system, enhancing security protocols and reducing fraud incidents by 54% for a major financial institution.

- Mentored a team of junior developers, fostering a collaborative environment that improved project delivery times by 26% and increased team retention rates by 23%.

FlexScript Labs (Remote, Contract)

08/2016 - 10/2020

Back-End Engineer

California, US

- Designed, developed, and modified 32+ software systems and custom components.
- Developed 30+ new software solutions by analyzing system performance standards.
- Analyzed systems flow, data usage, and work processes; investigated 100% of problem areas.
- Integrated existing software into 17 upgraded, modified systems for higher performance.
- Developed and executed 200+ test procedures for software components.
- Analyzed 138+ user requirements to derive technical software design and performance requirements.
- Planned, tracked, and managed deliverables on 264+ short-term sprints and 54+ long-term deployments.

AutomateX (Contract)

08/2014 - 04/2018

Python, Front-End Developer

New York, US

- Participated in the initial wave of developers implementing the React.js library.
- Rewrote HTML to meet industry and company standards for SEO and Accessibility. This drove a 600% increase in users by appearing on the first page of Google search results.
- Tested, debugged, and shipped 10s of 1000s of lines of code to various development teams. This led to 100% bug-free deployment.
- Utilized HTML, CSS, and JavaScript to create 100+ responsive landing pages for both company and client.
- Maintained graphic standards and branding throughout the product's interfaces.

Education

Saint Vincent C. U.

2012-2016

B.S.: Computer Science

NY

Certifications

- MTA
- AWS

Projects 57+

HeroSwap - <https://heroswap.com>

Full-Stack Engineer

- Company Overview: Led the development of a cross-chain swap project aimed at facilitating seamless asset exchanges
- Improved accessibility to decentralized finance by providing a reliable platform
- Led the development of a cross-chain swap project aimed at facilitating seamless asset exchanges
- Tech Stack: Next.js, NextUI, Node.js, TypeScript, Git, MongoDB, WebSocket

Singular - <https://singular.app>

Back End Engineer

- Company Overview: Led the development of front end and back end process of a multi-chain marketplace project, enabling the trading of non-fungible tokens
- Transformed the NFT landscape by offering a versatile platform for seamlessly trading digital assets
- Implement advanced solutions to support multi-chain functionality
- Led the development of front end and back end process of a multi-chain marketplace project, enabling the trading of non-fungible tokens
- Tech Stack: React, TypeScript, AI chatbot, Solana, Multi-Chain

Avaxrent - <https://avaxrent.com>

Python, Front End Engineer

- Building user-friendly eCommerce sites tailored to business needs while ensuring functionality and performance. Customizing eCommerce platforms to meet specific business requirements.
- Connecting APIs for payment processing, shipping, and other functionalities necessary for online transactions. Streamlining operations through better inventory management and reducing cart abandonment can improve profits by around 23%.
- Tech Stack: React.js, Next.js (Front end), JavaScript lib, Node.js, Django (Back end)

Scrowd - <http://sellercrowd.com>

Front-End Developer

- Focused on building and maintaining a comprehensive database of advertising professionals, ensuring the accuracy of contact information and agency assignments. This involved data scraping, cleaning, and validation processes.
- Contributed to the design and development of the user interface, aiming to make the platform intuitive and easy to navigate. This included features like advanced search filters, contact profile pages, and tools for managing connections.
- Integrating SellerCrowd with popular CRM systems, allowing users to seamlessly transfer leads and track their sales progress.
- Tech Stack: React.js, Next.js (Front end), Node.js, MongoDB, Stripe

Pack3000 - <https://pack-3000-agent.vercel.app> <https://welcome-ai-agent-cs.vercel.app>

AI Engineer

- Designed and developed a cutting-edge AI voice chat agent leveraging the latest advancements in conversational AI and speech technologies. The agent enables seamless, natural, and context-aware voice interactions for users across multiple platforms.
- Transformed user engagement by providing real-time, human-like voice conversations powered by advanced speech recognition and natural language understanding.
- Integrated state-of-the-art large language models to ensure accurate, contextually relevant, and dynamic responses.
- Tech Stack: Next.js, Node.js, Python (FastAPI), WebSockets, OpenAI GPT-4, Whisper (speech-to-text), Tacotron 2 (text-to-speech), Hugging Face Transformers