

Stone Werner

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EXPERIENCE

Software Engineer, Backend

June 2024 - Present

Texas Comptroller of Public Accounts

Austin, TX

- Developing web applications backend using Java and Spring Boot handling over 30,000,000 transactions per day.
- Leading cross-team API development to update database in RESTful fashion, streamlining backend by 20%.
- Converting legacy applications to micro-services using agile scrums such as sales tax, \$33,949,261,248 in revenue.
- Building RESTful APIs that handle over \$118,629,810,348 in revenue for the world's 8th largest economy.
- Built security API that handles 2,549 + requests per day to authenticate users and decrease vulnerability by 10%.

Software Engineer, Freelance

July 2023 - Present

Self Employed

Remote

- Generate leads and close deals individually to redesign websites with React for 5+ clients across 3+ industries.
- Use Next.js to completely redesign a 45 million dollar insurance company's website and online presence.
- Implement SEO techniques for up to a 150% increase in organic traffic within the first month post-launch.

Software Engineering Resident

July 2024 - Present

Headstarter

Remote

- Built 9 AI projects using latest tools like Next.js, OpenAI API, Pinecone, Firebase, Clerk, and Vercel.
- Implemented AI Rate-My-Professor with Pinecone index, custom RAG pipeline with OpenAI GPT-4o mini.

Software Engineer, Machine Learning

December 2023 - January 2025

Scale AI

Remote

- Improved large language model (LLM) accuracy by 15% and efficiency by 10% with advanced prompt engineering.
- Reduced hallucinations by 10% through developing Python responses to prompts to reinforce LLM precision.

PROJECTS

IntelliDrive, RAG Cloud Storage App | [Live App](#) | *Next.js, Pinecone, OpenAI API, Clerk*

September 2024

- Launched cloud storage application using Next.js, enabling users to upload & access 10GB of files from any device.
- Implemented AI assistant with OpenAI API & Pinecone, allowing users to query their files with natural language.
- Integrated Clerk for user authentication and organization management, enabling file sharing in organizations.

CodeAIDE, Online AI IDE | [Live App](#) | *JavaScript, DeepSeek-R1, OpenRouter API, Judge0*

February 2025

- Developed AI-powered IDE with open-source Judge0 and AI coding assistant, similar to Cursor(\$100M ARR).
- Embedded code execution into user queries, allowing users to receive contextual help and code explanations.
- Integrated DeepSeek-R1 LLM (671B parameters) via OpenRouter API to answer user queries with user's API key.

ML Brain Tumor Classification | [Live App](#) | *Python, Tensorflow, Scikit-learn, Gemini Flash*

November 2024

- Built Xception transfer learning model with 21,000,000 parameters achieving 99% accuracy classifying MRI scans.
- Developed custom CNN model with 77% fewer parameters while maintaining 98% accuracy across categories.
- Implemented AI reasoning using saliency map and Gemini-powered natural language to increase usability by 85%.

E-commerce Fundraising Platform | [Live Store](#) | *Next.js, Stripe, Printful*

June 2024

- Developed bespoke e-commerce platform with Next.js, Printful, and Stripe for non-profit fundraising with 5 SKUs.
- Synchronized Stripe payments and Printful fulfillment with webhooks enabling efficient order & payment tracking.
- Generated over \$130 in fundraising revenue in first 3 month event, donated to the Surfrider Foundation.

EDUCATION

University of California, Berkeley

Berkeley, CA

Bachelor of Arts, Computer Science

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript, C, RISC-V Assembly, x86 Assembly

Frameworks: Spring Boot, Next.JS, FastAPI, React

Operating Systems: Windows, MacOS, Linux, Unix

Tools: DB2, SQL Server, MongoDB, AWS, NumPy, PostgreSQL, Docker, RESTful APIs, OpenShift, Jenkins

Interests: Surfing, Volleyball, Fitness and Nutrition, Feng Shui, Cars, Poker, Skiing, CodePath, Sustainability