Ana Lamba

Richmond, VA | 804-615-9415 | ana@nekomimi.pet | github.com/waveringana

EDUCATION

Virginia Commonwealth University	Richmond, VA
Bachelor of Arts in Political Science	*Aug. 2021 – May 2025*

Virginia Commonwealth University	Richmond, VA
Bachelor of Arts in History	*Aug. 2021 – May 2025*

EXPERIENCE

Fullstack Engineer — Mar. 2016 – Present
Freelance — *Richmond, VA*

- Executed end-to-end website development for 20+ clients using WordPress, Next.js, and TailwindCSS.
- Architected custom e-commerce solutions on Shopify and WooCommerce platforms by integrating payment gateways and inventory management systems, resulting in $1.2M+ in client revenue across various industries.
- Orchestrated scalable cloud infrastructure by leveraging Vercel for front-end deployments, AWS for complex applications, and self-managed servers provisioned with Docker, reducing hosting costs by 45% while improving average page load times by 2.3 seconds.
- Established comprehensive client communication protocols through regular progress meetings and collaborative tools, ensuring 90% of projects were completed within original scope and budget constraints.

Software Engineer — Mar. 2016 – Oct. 2019
Horizen — *Freelance, Contractor*

- Coordinated the efforts of a distributed team of developers to ensure the successful launch and scaling of the Horizen blockchain.
- Engineered and maintained robust DevOps frameworks using Jenkins, Git, and Docker, increasing deployment efficiency and system uptime by 40%
- Developed critical ecosystem infrastructure including an Android mobile wallet with 50K+ downloads, an interactive blockchain explorer using JavaScript, and a high-performance mining pool powered by Express, SQLite, and D3.js that could handle 10K+ concurrent users.
- Pioneered the protocol for Horizen nodes to communicate via TLS encrypted channels, a first in cryptocurrency space.

PROJECTS

SimpleLink | *Rust, React, PostgreSQL, Docker* — Jan 2025 – Feb 2025

- Developed a high-performance link shortener and tracker, utilizing Rust for the backend to achieve a minimal memory footprint (2MB) and optimal speed.
- Designed a responsive and intuitive user interface using React, providing a seamless experience for managing and tracking shortened links.
- Implemented support for both PostgreSQL and SQLite databases, providing users with flexibility and scalability options based on their needs.

Embedder | *TypeScript, Express, HTMX, FFmpeg, SQLite* — May 2022 – May 2023

- Developed a high-performance image and video hosting platform optimized for embedding into sites like Discord and Facebook, leveraging Express for the backend and SQLite for lightweight data storage.
- Implemented FFmpeg to automatically convert uploaded videos to optimized formats, ensuring maximum quality and minimal file size for seamless embedding.
- Implemented a RESTful API using Express, enabling easy integration with other applications and services.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, SQL (Postgres/SQLite), HTML/CSS, Go
Frameworks: React, Node.js, Next.js, WordPress, TailwindCSS
Developer Tools: Git, Docker, Jenkins, TravisCI, Google Cloud Platform, AWS, Azure, VS Code, Visual Studio