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Experience

rtCamp

July 2025 – Present

Software Engineer

Remote

- Built an **internal dashboard** with **SSO support** for enterprise workflows, and implemented **normalized search** and **content migration** features for a large retail platform, improving operational efficiency and data consistency.
- Developed and shipped **features, fixes, and enhancements** across **Cox Automotive's WordPress ecosystem** spanning around **8 sites**, using **PHP** and **JavaScript** to improve platform functionality and maintainability.
- Executed **WordPress upgrades, plugin updates, QA, and regression testing** for enterprise client platforms, helping ensure **stable releases** and smooth production rollouts.
- Supported **platform-level improvements** across multiple client projects by contributing reusable **backend** and **frontend** changes aligned with large-scale **WordPress engineering** standards.

S20.ai

Sept 2024 – Jun 2025

Software Engineering Intern

Remote

- Enhanced **data download speeds** in the **Copilot.Camera** React Native app by implementing **pagination** and integrating **SQLite** for local storage, significantly boosting performance and improving user responsiveness.
- Built and synchronized a fully functional **calendar feature** in the studio platform using **Next.js**, enabling **real-time integration with Google Calendar** for streamlined scheduling and enhanced user productivity.
- Developed **Copilot.Feeds** end-to-end – an **AI-powered video processing pipeline** that ingests **RTSP video feeds**, identifies relevant segments using a **Vision-Language Model (VLM)**, and dispatches **real-time alerts and notifications** to users.

Soundverse.ai

Jun 2023 – Jan 2024

Full Stack Developer

Remote

- Built an **AI-powered audio generation platform** using **Next.js, React.js, and MongoDB**, serving **20,000+ users** and enabling generation of **50,000+ audio files** with enhanced content delivery and user engagement.
- Built a **high-performance audio processing pipeline** using **Google Cloud Platform** and **FFmpeg**, implementing advanced **online editing features** and **scalable system architecture**.

Projects

Raah | *Next.js, TypeScript, Cloudflare Workers, Supabase, OpenRouter, KV*

- Built Raah, a real-user monitoring and observability platform that captures network telemetry from actual user browsers, including DNS, TCP, TLS, TTFB, Core Web Vitals, and JavaScript errors with ISP, geography, and connection-type breakdowns.
- Engineered the product using Next.js, Cloudflare Workers, Supabase, Cloudflare KV, and OpenRouter, implementing caching, AI-assisted analytics, alerting, hosted public status pages, custom domains, and billing workflows.

Genie | *Golang, Cobra, Homebrew*

- Developed Genie, an AI-powered CLI tool designed to help beginners learn terminal commands while also acting as a personal productivity assistant.
- Implemented features including music generation, command execution, image generation, text responses, and code documentation, improving usability and making the tool more versatile for everyday workflows.

Technical Skills

Languages: Typescript, Javascript, PHP, Go, Java, C, C++, Python, Bash

Technologies: Next.js, React.js, Express.js, Node.js, MongoDB, PostgreSQL, Redux, Cobra, Svelte, Github Actions, Ffmpeg, Google Cloud Platform, Amazon Web Services, Supabase, FastAPI, RAG, LLMs, Cloudflare, WordPress

Concepts: Rest API, CDNs, Database Normalization, Git, CI/CD, DevOps, Agile Methodology, Cloud Computing, Operating Systems, System Design

Education

Vellore Institute of Technology

Sept 2021 – May 2025

Bachelor of Technology in Computer Science with specialization in IOT (CGPA: 9.24 / 10.00)

Vellore, India

- **Relevant Achievements:** Projects Lead at IET-VIT, YANTRA Hack-Track Winner, WomenTechies'22 Best Freshers