

# Klaus Chamberlain

Columbus, Ohio

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## SUMMARY

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I'm a Full-Stack developer who specializes in React/Typescript. I am focused on modern, high-performing frontends. Aside from my Next/React specialty, I am also skilled in Node.js, and REST API's.

## SKILLS

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React, Typescript, Node.JS, Vue.Js, CSS, REST API's

## WORK EXPERIENCE

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### SAFELITE

Apr 2025 - Present

#### IT SUPPORT SPECIALIST

- Created application for fuzzy-searching Knowledge/Userbase which cut AHT for tickets by 40%
- Maintained top spot in all ticketing metrics during entire tenure
- Tested REST API errors and repaired functionality of endpoints, and fixed DNS record errors

### NETWORK 9

Dec 2024 - Apr 2025

#### LOW VOLTAGE CABLE TECHNICIAN

- Managed networking equipment, such as routers, switches, and WAN/LAN configurations
- Configured and installed server racks, including UPS, PSUs, and switches

### HERO BUILDS LLC

Sep 2023 - Feb 2025

#### IT SOFTWARE ENGINEER

- Developed website using React, React Router, and Node.js, integrating REST APIs for seamless backend communication.
- Built and customized high-performance computers, specializing in component upgrades and performance optimization.

## PROJECTS

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### War of the Elector (live at waroftheelector.space)

Dec 2024 - Present

#### Creator/Head Developer

- A Full-stack, multi-user, persistent grand strategy game using Next.js, React, and TypeScript for the frontend, with Tailwind CSS for the sleek, responsive UI
- Engineered a comprehensive, secure REST API with dozens of Next.js API Routes to handle all complex game logic, authentication, and data persistence.
- Built an "AI-native" strategic advisor by integrating the Gemini API with a custom backend route, using RAG (Retrieval-Augmented Generation) to read game rules and provide players with disciplined, long-term strategic advice

### Navi AI (Release on [github.com/TheFirstHero6/Navi](https://github.com/TheFirstHero6/Navi))

Nov 2025 - Nov 2025

#### Creator/Head Developer

- Engineered a full-stack, AI-powered developer launcher using Electron, React, and TypeScript for the frontend and a decoupled Node.js (Express) server for safe, privileged operations.
- Integrated Google's Gemini API (gemini-1.5-flash) with advanced Tool Use (function calling) to accurately parse natural language prompts (e.g., "create a new svelte app") into structured, executable shell commands.
- Implemented a robust backend that uses `child_process.exec` to run the AI-generated command sequences, capturing and piping `stdout/stderr` directly back to the React UI for a seamless, interactive user experience.

## EDUCATION

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### The Ohio State University

Aug 2024 - Present

Bachelor's in Computer Science

GPA: 4.0