

Tristan Hendricks

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EDUCATION

Westridge High School

Computer Application Technology

Jan. 2022 - Dec 2024

Harvard University

CS50 Introduction to Computer Science

Online
2024 - 2025

Cisco Networking Academy

Computer Hardware Basics Certification

Online
2025

AWS Cloud Quest

Cloud Practitioner

Online
2025

FreeCodeCamp

Responsive Web design Certification

Online
2023 - June 2024

EXPERIENCE

Internship

Takealot.com

July 2025 - Present

- Managed customer communication through Zendesk and Takealot portal.
- Worked daily in an Ubuntu Linux environment for system navigation and troubleshooting.
- Assisted in processing support tickets in an efficient and timely manner.

Software Engineering Virtual Experience Program on Forage

Electronic Arts

Jan 2025

- Proposed a new feature for EA Sports College Football and wrote a feature proposal
- Designed a class diagram and implemented C++ class definitions
- Patched a bug and optimized the codebase with an improved data structure

Hackathon Participant Samsung Future Innvotion Lab

University of the Western Cape

Feb. 2025

- Developed a food safety scanner app in a 3-day hackathon.
- Collaborated in a team to design, build and present the project.
- Gained hands-on experience in software development, teamwork and problem-solving.

Full-Stack Developer

Freelancer

Sep 2023 - Present

- Developed and deployed full-stack web applications using React, Next.js, Node.js, and Tailwind CSS.
- Designed and optimized backend systems with Express, PostgreSQL, and Firebase for scalability and performance.
- Collaborated with clients to gather requirements, troubleshoot issues, and deliver user-friendly digital solutions.

PROJECTS

Layered UI | Next.js, Tailwind CSS, Vite.js, HTML, CSS, TypeScript, JavaScript, Vercel

Jan 2026 - Present

- Developed a modern UI component library focused on layered layouts and reusable block-based design systems for web applications.
- Built fully responsive and customizable components using Next.js and Tailwind CSS to improve development speed and UI consistency.
- Implemented clean architecture and modular component structures to support scalability and maintainability.
- Deployed the project on Vercel to ensure seamless serverless hosting and global accessibility..

BotBuddyAI Assistant | React.js, Tailwind CSS, Vite.js, OpenAI GPT API, TypeScript, Vercel

Sept 2024 - Present

- Built an interactive AI assistant web app with a full responsive design using React.js and Tailwind CSS.
- Integrated the OpenAI GPT model API to power dynamic conversational capabilities and intelligent responses.
- Designed a clean, user-friendly interface with thoughtful UX for seamless chat interactions across devices.

- Deployed on Vercel for scalable, serverless hosting with fast global access and minimal configuration.

Personal Portfolio Website | *Next.js, Tailwind CSS, HTML, CSS, Vercel* 2025 - Present

- Built a fast, modern portfolio website using Astro for optimized static site generation and performance.
- Showcased personal projects, technical skills, and startup experience with a clean, responsive UI styled using Tailwind CSS.
- Designed for mobile and desktop with smooth transitions, accessible layout, and interactive project highlights.
- Deployed on Vercel with continuous deployment and CDN support for global reach and fast load times.
- Integrated contact form and external project links for seamless user engagement.

TECHNICAL SKILLS

Languages: Python, C/C++, SQL, TypeScript, JavaScript, HTML/CSS

Frameworks: Next.js, React, Astro, Node.js, Flask, WordPress, Wix Studio, UI/UX Design, Figma, Framer

Developer Tools: Git/GitHub, Agile Development, Docker, Google Cloud Platform, VS Code, Visual Studio, Linux, Microsoft Excel, Microsoft Word, Microsoft PowerPoint, Microsoft Teams, Microsoft Access

Libraries: pandas, NumPy