

Christopher Pane

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WORK EXPERIENCE

WellStat

Nov. 2022 – Present

Full-Stack Engineer

Remote

- Developed an interactive 3D data visualization tool using Three.js and React for rendering complex indoor air quality and energy usage information, integrated seamlessly with existing hardware.
- Created a comprehensive editor software suite to configure and manipulate 3D data views, incorporating Redux for state management to ensure a seamless, responsive user experience.
- Implemented numerous internal tools for bulk managing features for customers.
- Designed and implemented a data model enabling seamless integration of key device data points and data visualizations.
- Collaborated with product developers to break down projects into actionable tasks and created structured project plans using Linear for efficient execution.
- Developed and deployed scalable cloud infrastructure on AWS using VPCs, EC2, and S3, leveraging Terraform to automate provisioning and ensure consistency across environments.

New Jersey Institute of Technology

May 2021 – Sep. 2022

Computer Science Tutor

Newark, NJ

- Delivered weekly tutoring sessions to undergraduate students, covering computer science, statistics, calculus, and programming-related mathematical applications.
- Empowered students to grasp foundational concepts through clear, step-by-step explanations and illustrative examples.
- Simplified complex programming challenges by guiding students through structured, intuitive problem-solving techniques.
- Utilized visual aids, code walkthroughs, and debugging sessions to reinforce programming logic and troubleshooting skills.

Old School Glory Co

Mar. 2020 – May 2021

Front-End Developer

Manalapan, NJ

- Developed high-performance, scalable front-end applications using modern web technologies, including HTML5, CSS3/Sass, and ES6+ JavaScript, ensuring efficient and maintainable codebases.
- Designed and implemented intuitive, visually engaging user interfaces by translating wireframes and prototypes from Figma into fully responsive and interactive web pages.
- Collaborated with cross-functional teams, including designers and developers, to deliver user-centered design features aligned with stakeholder goals and user needs.

EDUCATION

New Jersey Institute of Technology

Dec, 2022

Bachelor of Science, Computer Science

Newark, NJ

- **GPA: 3.7/4.0**; *Cum Laude*; Dean's List

Brookdale Community College

May, 2020

Associate of Science, Business Administration

Lincroft, NJ

- **GPA: 4.0/4.0**; *Summa Cum Laude*; Dean's List

SKILLS & INTERESTS

- **Skills:** Project Planning; Problem Solving; Communication; DevOps; Data Modeling; UI/UX Design
- **Interests:** Reading; Music; Foreign Languages; Skateboarding; Cooking; *The Simpsons*