

JACOB PAINE

SOFTWARE ENGINEER

CONTACT

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- Nashville, Tennessee

PROFILE SUMMARY

I am a developer with 9 years of experience creating scalable, efficient, and user-focused solutions. With a strong foundation in database and API architecture, my tech stack is usually TypeScript, JavaScript, Node, React, Redux, Redis, MySQL, and AWS to deliver results.

CERTIFICATIONS

- AWS Certified Solutions Architect- Associate

SKILLS

- AWS
- MySQL
- Node
- React
- Redis
- Typescript

EDUCATION

Vanderbilt University
Master's of Education

Emphasis:
Digital Learning Environment Design

Belmont University
Bachelor's in Philosophy

Emphasis:
East-West Comparative Ethics

WORK EXPERIENCE

Vanderbilt University, Peabody

Sept. 2024 - Present

Senior Engineer

- React
- Typescript
- Google Cloud Services
- Transitioned a React Native app to a PWA, improving performance, increasing accessibility compliance to WCAG standards, and enhancing maintainability while addressing architectural flaws

Asurion

Software Engineer 2

Oct. 2020 - Sept. 2024

- AWS
- Typescript
- React
- Redis
- MySQL
- Node
- Designed and implemented interactive frontend dashboards to manage progress and statistics on the call center platform.
- Built socket-based systems to integrate machine learning models, delivering real-time insights to tens of thousands of users

Nashville Software School

July 2020 - Dec. 2020

Assistant Teacher

- JavaScript
- React
- Mentored over 20 students in foundational development skills, including JavaScript, CSS, and React, fostering their growth as developers.

American Physician Partners

Oct 2019 - Feb 2020

Javascript Developer

- JavaScript
- MySQL
- Enhanced a lightweight Learning Management System (LMS) in JavaScript, ensuring strict adherence to HIPAA compliance standards.

W. Capra Consulting Group

Feb. 2019 - Aug. 2019

Javascript Developer

- AWS
- React
- Node
- Built and maintained frontend and backend credit card services for Fortune 100 companies.
- Created a monitoring system to alert management about critical infrastructure