

# Ellis Pae

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## **SUMMARY**

Full-Stack Software Engineer with expertise in React.js, Ruby on Rails, and a strong foundation in QA. Driven by a passion for creating impactful software, I thrive in Agile and TDD environments where I blend precision and creativity to deliver user-focused solutions that transform complex challenges into meaningful digital experiences.

## **TECHNICAL SKILLS**

<b>Languages:</b>	JavaScript (ES6+), TypeScript, Ruby, Python, SQL, HTML, CSS, SCSS
<b>Frameworks:</b>	React.js, Next.js, Ruby on Rails, Express.js, Tailwind CSS, Bootstrap
<b>Libraries:</b>	Redux.js, GraphQL, Axios, RxJS, Jest, Cypress, Mongoose, Framer Motion, Storybook
<b>Runtime Environments:</b>	Node.js
<b>Databases:</b>	PostgreSQL (pgAdmin, Postico), SQLite3, MongoDB, AWS S3
<b>Version Control:</b>	Git, GitHub
<b>CI/CD &amp; Deployment Tools:</b>	GitHub Actions, CircleCI, Docker, Heroku, Vercel
<b>APIs &amp; AI Tools:</b>	OpenAI API (GPT models, prompt design, response parsing)
<b>Design &amp; Collaboration Tools:</b>	Jira, Confluence, Figma
<b>Methodologies &amp; Practices:</b>	Agile Development, TDD, CI/CD, SDLC, OOP, ORM, RESTful API Design

## **PROFESSIONAL EXPERIENCE**

### **The Gnar Company, Inc.**

Software Engineer in Test

Boston, MA

August 2021 – February 2024

*Built a large-scale web application that improved access to \$3.3M+ in property tax credits across 16 states.*

- Developed and optimized a full-stack web app (React.js, RxJS, Rails) with automated test suites that improved reliability and facilitated \$3.3M+ in property tax credits across 16 states.
- Implemented new features and optimizations across front-end and back-end systems to improve performance and user experience
- Collaborated with cross-functional teams in Agile environments to plan, release, and iterate on new features.
- Led troubleshooting and debugging efforts to maintain production stability under high user traffic.
- Conducted peer code reviews and supported deployment planning to align development priorities with business objectives.

### **VOLUNTEER EXPERIENCE**

#### **Metro Church**

Software Developer

Philadelphia, PA

January 2023 – Present

*Developed and maintained the church's digital platform to expand reach and engagement for online visitors.*

- Designed, built, and maintained the church's website using React.js, Next.js, TypeScript, and AWS S3 for dynamic content delivery.
- Developed a sermon platform powered by Sanity CMS and GraphQL, improving discoverability with advanced filtering by speaker, series, and passage.
- Rebuilt post category system in Sanity CMS with automated slug generation and validation rules to improve URL consistency and content organization.
- Automated content updates through Sanity CMS, reducing manual work and improving publishing efficiency.
- Optimized site performance and SEO, increasing engagement and accessibility for thousands of weekly visitors.

### **ADDITIONAL EXPERIENCE**

#### **J & H Seafood**

Sales Manager

New Castle, DE

January 2015 – July 2020

- Orchestrated sales strategies and optimized operational processes, fueling an average yearly revenue growth of 25% by enhancing customer engagement and service excellence.

#### **U.S. Army**

74D – CBRN (Chemical, Biological, Radiological and Nuclear) Specialist

July 2010 – July 2018

- Conducted risk assessments and developed mitigation strategies for CBRN threats, ensuring the safety and preparedness of military personnel through comprehensive training programs and emergency response protocols.

## **EDUCATION**

### App Academy

Certificate, Full-Stack Software Development

New York, NY

July 2020 – October 2020

### Temple University

B.S., Biochemistry

Philadelphia, PA

September 2011 – December 2015