

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

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