

# Ellis Pae

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## SUMMARY

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

## TECHNICAL SKILLS

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<b>Languages:</b>	JavaScript, TypeScript, Ruby, Python, SQL, HTML, CSS, SCSS
<b>Frameworks:</b>	React.js, Next.js, Ruby on Rails, Express.js, Bootstrap
<b>Libraries:</b>	Redux.js, GraphQL, RxJS, Axios, Cypress, Jest, Lodash, Mongoose, Jbuilder, Passport.js, Storybook.js, p5.js, Three.js, jQuery
<b>Build Tools:</b>	Webpack, Babel
<b>Runtime Environments:</b>	Node.js
<b>Version Control:</b>	Git, GitHub
<b>CI/CD Tools:</b>	GitHub Actions, CircleCI
<b>Databases:</b>	PostgreSQL, SQLite3, MongoDB, AWS S3
<b>Deployment Platforms:</b>	Docker, Heroku
<b>Methodologies &amp; Practices:</b>	Agile Development, TDD, CI/CD, SDLC, OOP, ORM, RESTful API Design

## PROFESSIONAL EXPERIENCE

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### The Gnar Company, Inc.

Boston, MA

Software Engineer in Test

August 2021 – February 2024

- Developed and optimized a web application using React.js, RxJS, and Ruby on Rails, facilitating over 7,300 property tax credit submissions and returning \$3.3M+ to users.
- Balanced development and QA by deploying production-ready code and implementing automated tests to ensure software reliability.
- Enhanced front-end user interfaces and back-end systems, improving performance and usability through full-stack development.
- Implemented new features in collaboration with cross-functional teams, leveraging Agile methodologies for seamless integration.
- Built and maintained a comprehensive suite of unit, integration, end-to-end, and regression tests, significantly improving test coverage.
- Led troubleshooting efforts, identifying and resolving code issues to maintain software quality and reliability.
- Partnered with stakeholders to define and meet stringent quality benchmarks, aligning products with business objectives.
- Conducted code reviews, ensuring adherence to best practices and maintainable architecture.

## VOLUNTEER EXPERIENCE

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### Metro Church

Philadelphia, PA

Software Developer

January 2023 – Present

- Maintained and updated the church website using React.js, AWS S3, and Next.js, ensuring accuracy and relevance of resources.
- Streamlined content management by implementing automated workflows, reducing manual updates and enhancing efficiency.
- Resolved technical issues and optimized website performance, ensuring a seamless user experience.
- Applied foundational SEO techniques to improve online visibility and community engagement.

## ADDITIONAL EXPERIENCE

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### J & H Seafood

New Castle, DE

Sales Manager

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

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App Academy

New York, NY

Full-Stack Software Development

July 2020 – October 2020

Temple University

Philadelphia, PA

B.S., Biochemistry

September 2011 – December 2015