

Justin Rich

justin@hackerpug.com | 801-636-6098 | San Francisco Bay Area
LinkedIn: in/jcrich | GitHub: justincrich

Summary

Senior Full-Stack Engineer with deep expertise in AI integration, React.js, TypeScript, and GraphQL. Demonstrated success in building scalable web platforms and mobile applications. Proven track record of integrating AI technologies into production systems, with a focus on user experience and innovative solutions. Strong background in startup environments with a product-first mindset.

Technical Skills

- Frontend: React, NextJS, TypeScript, Tailwind, React Native
- AI/ML: OpenAI, Claude, Langchain, LLM Integration
- Backend: GraphQL, Node.js, Python, Kotlin
- Cloud/Infrastructure: AWS, Kubernetes, Docker
- Testing: Jest, Cypress, Playwright
- Data: MongoDB, PostgreSQL, DynamoDB

Professional Experience

Senior Software Engineer | Inkitt

- Architected and led development of a next-generation web platform using NextJS, Tailwind, and TypeScript, achieving 40% improvement in page load times June 2024 - Present
- Developed an innovative AI reader feedback system using Langchain and OpenAI, reducing response time by 60%
- Built and deployed a story variation tool using Claude API, resulting in 50% increase in user-generated content
- Led cross-functional teams in developing React Native apps for iOS and Android, maintaining 4.8-star ratings

Technical Co-Founder | Formulist

- Developed standardized LLM services using Node.js and GraphQL, integrating multiple AI models September 2023 - Present
- Engineered prompt quality control systems ensuring consistent AI output across applications
- Built scalable backend architecture supporting high-volume AI processing requests
- Created AI voice cloning demonstration platform showcasing generative AI capabilities

Senior Software Engineer | DoorDash

- Engineered UI-as-a-service architecture using React.js and GraphQL, reducing feature deployment time by 50% June 2021 - February 2024
- Built retail-specific inventory management system handling 100k+ daily product updates
- Developed data migration tools enabling 100k+ merchants to transfer menu data, increasing sales by 12%
- Led implementation of Kotlin-based backend services supporting high-volume retail operations

Senior Software Engineer | Mothership

- Led frontend development of freight-tracking platform handling 50k+ monthly shipments July 2019 - November 2020
- Rebuilt client platform using TypeScript and React Hooks, increasing feature deployment speed by 60%
- Implemented comprehensive testing strategy with Jest and Cypress, reducing regression bugs by 40%
- Architected standardized data layer services improving system scalability and maintenance

Education

Carnegie Mellon University - M.S. Information Systems Management

Brigham Young University - B.S. Psychology