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Ian Pollack

Senior Software Engineer with 7+ years of experience delivering scalable, user-centric, full-stack applications across healthcare, social networking, security, hospitality, education, fin-tech and AI industries. Proficient in a wide range of languages and frameworks, with a strong focus and passion for clean, maintainable code and intuitive user experiences. Proven track record in leading development teams, mentoring engineers, and driving product excellence. Open to remote opportunities globally and hybrid/on-site roles in the Greater Los Angeles area.

TECHNICAL SKILLS

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|------------------------------------|-----------------------------|---------------------------|
| • React.js Next.js Redux | • Python Django Wagtail | • AWS Heroku Azure |
| • JavaScript TypeScript | • HTML CSS Sass (SCSS) | • Docker GitHub CI/CD |
| • React Native iOS Android | • SQL PostgreSQL MySQL | • OpenAI PyTorch |
| • Node.js Express Ruby Rails | • NoSQL Redis MongoDB | • Jest RSpec Splunk |

PROFESSIONAL EXPERIENCE

Deep Sentinel | Los Angeles, CA / Remote

November 2025 – January 2026

Senior Software Engineer

- Contributed to the development of cloud-deployed, mission-critical applications supporting large-scale video delivery and security monitoring systems.
- Designed and implemented backend services in Python within a microservices architecture integrated with MySQL, PostgreSQL, and Redis.
- Supported development of the Service License Management system (SLM), improving dealer billing workflows and visibility into licensing and subscription management.
- Built and enhanced end-user features across React and React Native applications, focusing on performance and maintainability.
- Collaborated cross-functionally with product, QA, and distributed engineering teams to take features from design through deployment in a fast-moving startup environment.

SCSI Media | El Segundo, CA

December 2024 – May 2025

Full-Stack Software Engineer

- Co-designed and developed the Sabio AI web application with a responsive, accessible frontend built in React.js, Next.js, and Material-UI, enabling efficient management, testing, and certification of interpreter students and professionals through AI-enhanced features.
- Engineered and scaled backend architecture using Node.js, Express, and TypeScript, integrating third-party platforms such as OpenAI, Vimeo, and Synthesia to automate workflows and reduce manual overhead.
- Architected a robust PostgreSQL database, ensuring data consistency and efficient communication across system components while supporting dynamic user interactions.
- Maintained legacy systems by troubleshooting and resolving issues using WordPress, Caspio, Zapier, and related tools, significantly improving platform stability and long-term maintainability.

HP | Los Angeles, CA / Remote

March 2022 – July 2024

Senior Software Engineer / Technical Lead

- Optimized HP's Cloud Bank payment platform by streamlining invoice/PDF generation and archiving, reducing financial errors by 20% and improving the purchasing experience for millions.
- Led a team of 5 developers as Technical Lead, conducting code reviews, pair programming sessions, and daily stand-ups to ensure ahead-of-schedule delivery and team skill growth.
- Developed new features and resolved bugs using Ruby on Rails, Prawn, and Sidekiq, delivering secure, scalable updates that aligned with stakeholder goals and improved user satisfaction.
- Monitored and managed production infrastructure (AWS, Jenkins, Splunk), leading root-cause analysis and post-mortems that resulted in a 50% increase in system error resolution.
- Collaborated with Project Architects and Project Managers on sprint planning and product roadmaps; actively contributed to hiring by interviewing 5+ candidates and shaping on-boarding.

Lightmatter | New York City, NY / Remote

March 2019 – January 2022

Software Engineer

- Led full-cycle development for client projects, including a resort booking platform, increasing reservations by 14%, using React.js, Next.js, Django, and Wagtail to deliver high-performance, scalable, user-friendly applications that aligned with business goals and exceeded expectations.
- Provided "white-glove" customer-service by keeping clients up to speed on projects through regular meetings, live demos, and agile feedback loops, effectively translating client feedback into actionable development tasks, managing scope changes, aligning priorities, removing blockers, and ensuring on-time, on-budget delivery of complex features.
- Rapidly diagnosed and resolved production issues, including system outages and performance bottlenecks, implementing permanent fixes and minimizing downtime to maintain client trust and system reliability.
- Ensured application stability and code quality throughout the development lifecycle by triaging and resolving bugs, implementing new features, and conducting code reviews to support clean, maintainable codebases.

FREELANCE PROJECTS

University of Hawaii – School of Medicine

December 2022 – January 2024

Software Engineer

- Developed and integrated custom JavaScript within Qualtrics to calculate user scores and averages, enabling real-time feedback upon survey completion.

VisionFriendly.com

September 2022 – November 2023

Software Engineer

- Developed and maintained full-stack web applications using Next.js, React.js, Django, Wagtail, CSS/Sass, with Salesforce integration and automated deployment via CircleCI and AWS.

EDUCATION

Flatiron School | New York City, NY – *Software Engineering Immersive*

San Diego State University | San Diego, CA – *Bachelor of Science: Business Management*

HOBBIES / SKILLS

Standup comedian and improviser, blackjack dealer extraordinaire, amateur ukulelist and guitarist, baseball aficionado, "Survivor" fanatic, can solve a Rubix Cube in under four minutes, can whistle the bridge to "Sittin' On the Dock of the Bay".