

# Noah Ignacio Smith

Software Engineer

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## Skills

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Python | JavaScript | Typescript | SQL | Gitlab | CI/CD | React | Node | Express | Next.js | Django | webpack | Vite | HTML | CSS | SEO | Github Actions | Unit Testing | OOP | AWS | Azure | Bash | Figma | Tailwind CSS | WebdriverIO | Appium | Automated Testing | Electron | Bamboo

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## Experience

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**Tandem Diabetes, San Diego** | Senior Software Test Tools Engineer I *San Diego, CA | 07/2024 - Present*

- Led design and delivery of an internal requirements-tracing web app (Express, React, Redis, Nginx, Docker) that parses Word docs and syncs with Jama; secured Okta OAuth and deployed to on-prem infrastructure to meet regulatory/security requirements.
- Stabilized and optimized self-hosted GitHub Actions runners and CI infrastructure used for Mobile CI/CT, reducing workflow failure rates by 47% and improving CI feedback for test and mobile teams.
- Designed and extended TypeScript + WebdriverIO automated test suites for iOS and Android, including BLE interactions and Hardware-in-the-Loop (HIL) integrations with real embedded medical devices, increasing automated mobile coverage and lowering manual validation time.
- Owned an Electron pump log-analysis desktop app: implemented features, introduced automated WebdriverIO testing and repeatable release processes to replace manual QA steps.
- Drove cross-team CI consolidation, documentation-as-code, and UI/UX refactors for internal tools; proposed architecture changes with a 75% adoption rate.

**Global TekMed, Chula Vista** | Full Stack Developer *Chula Vista, CA | 04/2024 - 07/2024*

- Automated Django deployments and tests with GitHub Actions, cutting deploy time from 30 to 5 minutes and improving release reliability.
- Remediated critical security issues (SQLi, XSS, unsecured APIs) and trained the team on unit testing (Python & Jest), raising test coverage from 0% to ~10%.

**Freelance** | Full Stack Developer *San Diego, CA | 02/2024 - Present*

- Built responsive websites and CMS (Next.js, Strapi, AWS) with Stripe integration and SEO optimizations for small businesses; handled deployment and maintenance.

**Whova, San Diego** | Software Engineer *San Diego, CA | 01/2019 - 06/2022*

- Built full-stack features for Whova's event platform (React, Django, PostgreSQL) used across thousands of events; led schema and performance improvements.
- Rebuilt customer-facing app to support in-person, remote, and hybrid events during the pandemic; collaborated across product and backend teams to deliver on time.

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## Projects

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**Algorithmic Trading** *01/2023 - 04/2024*

- Designed, implemented, backtested, and optimized algorithmic trading strategies in the futures market using Python, QuantConnect, and the Interactive Brokers API

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## Education

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**Purdue University** | Bachelor of Science in Computer Science *West Lafayette, IN*

**Coursework:** OOP, Data Structures & Algorithms, Operating Systems, Web Applications, Virtual Reality