

# Erik Newland

Palm Desert, CA | Open to Relocation | (760) 861-1002 | eriknewland93@gmail.com  
linkedin.com/in/erik-newland | github.com/eriknewland

## TECHNICAL SKILLS

**Front-End** | JavaScript (ES5 and ES6), TypeScript, React (Web & Native), Bootstrap, HTML5, CSS3, Next.js  
**Back-End** | Node.js, Express, PostgreSQL, MongoDB, MySQL, Firebase, Cloud Firestore, Socket.io, RESTful API  
**Testing/Deployment** | Jest, Mocha, Chai, k6, New Relic, AWS: EC2 / RDS / S3, Heroku, Netlify, Vercel  
**Developer Tools** | Git, npm, pip, Webpack, Babel, Agile Methodology, CMS, TDD, Prompt Engineering

## SOFTWARE APPLICATION DEVELOPMENT EXPERIENCE

**SpreadShot** | <https://spreadshot.jobs> | Next.js, Firebase, Tailwind, Stripe, Heroku 2023

Custom SAAS website that helps users find jobs and apply faster through web scraping and generative AI.

- Lighthouse score of 99. Firebase CRUD functionality. Stripe payments and webhooks.
- Advanced deployment of Puppeteer (web scraping) and LaTeX (document creation) micro-services

**Intellifusion** | React, React Router, Bootstrap, Sanity.io | <https://eriknewland.github.io/consultation/> 2023

Headless CMS consultation website.

- Developed a website concept tailored for a firm utilizing an existing CMS (Webflow) solution
- Leveraged Sanity Studio for effortless content maintenance and management, boosting efficiency

**SunChip API** | Dev Tools Engineer | nodeJS, Express, PostgreSQL, Sequelize, AWS, Python 2023

Back-end micro-service for an e-commerce website deployed to AWS EC2 instance.

- Implemented two-layer authentication and utilized PostgreSQL and Sequelize to ensure data security and longevity of the system architecture.
- Scaled an archaic back-end to 20x VU traffic with a sub 1% error rate and load times under 50ms
- Created suite of custom tools (csvtransformers) to help team extract and transform data that sped up our service by 25-50ms on any given query

**Live Applications, Libraries** | Typescript, Node, Python, Next.js, Chrome SDK, Stripe SDK 2023

4 chrome extensions, 3 npm packages, 2 live websites, 1 API (<https://rapidapi.com/eriknewland93/api/tokentrim/>)

- **BTC Converter** | **SaveUp!** | **OpenAI Study Buddy** | **BrainWave: Trivia Breaks**: A collection of fun extensions that utilize asynchronous actions, API calls and advanced DOM manipulation
- **rainbowBrackets** | **csvtransformers** | **clean-speech**: npm packages for front and backend usecases
- <https://gitty-iota.vercel.app/> | <https://codepengpt.netlify.app/> : Gitty is an educational git workflow website. CodepenGPT is a component-generator playground.

## PROFESSIONAL EXPERIENCE

**Pleb Devs** | Software Engineer 2023

- Implemented new payment rails, redesigned routes and infographics, and conducted end-to-end testing using Next.js, React, and Astro frameworks.
- Streamlined deployment to Vercel & Fly.io, created Docker images and containers, and rewrote a JavaScript Telegram bot in Python, enhancing overall project efficiency and functionality

**Sindolor** | Operations Manager 2017 - 2021

- Created and managed cannabinoid-based medical trials with efficacy rates of 70%
- Developed and secured patent for cannabinoid-based method of use treatment for opioid addiction

**Flux** | Product Manager 2018 - 2019

- Improved projected yields by over 30% by re-designing hardware and sourcing better genetics
- Created product specifications, routinely presented to investors and shareholders, and interfaced with strategic partners that led to multiple investment rounds

## EDUCATION

**Hack Reactor** | Advanced Software Engineering Immersive Program 2023

**University of California, Santa Barbara** | B.A. Anthropology 2016

## PERSONAL

Add 2-4 pieces of personal information that you'd like the reader to know that might make you more memorable

- Hundreds of hours of volunteer work with differently abled youth.
- Former top 10 U.S./top 25 world ranked World of Warcraft player