Hi, I'm Alex Goodman

Bringing outstanding software designs to life has been my passion for as long as I can remember.

Thanks to the open-source community and some amazing mentors from the last 10 years, I stay in the loop on next-generation technology and continue to grow as an engineer.

Engineering is about so much more than code but also operations, strategy, and people. I seek to be involved with organizations that feel the same!

• Led engineering for smaller startups such as ClimateCheck, LeadScout, and Givinci

• Work mentioned in publications such as QZ, Bloomberg, and CBN

• Experience with enterprises, startups, and fast-paced agencies

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Expertise

React Web Applications	Next.js, Apollo, Context, Redux, Hooks, Material UI, Antd, i18n, Moment, Lodash
TypeScript (Isomorphic & Cross-Platform)	Interfaces, Enums, Custom Configurations, Definition Files
Data Viz	Data Integration, Transformation, and Optimization, 2D Formats (Maps, Graphs, Charts), Uber Viz, Airbnb's visx
Dev Tooling	Lerna, Plop, Storybook, Husky, Webpack, Gulp, Prettier, ESLint
UX & UI	Design-to-Code, Flexbox, Grid, Animations, SVGs, UX Best Practices, UX Research Studies, Wireframes, User Testing
Automated Testing	Jest, Cypress, Mocking, Cucumber, BDD
Static Code	Semantic HTML, On-Site SEO, JSX, CSS / SASS, JSS, Gatsby, Tailwind
React Native Mobile Apps	iOS and Android, XCode, Android Studio, Testflight Distribution
Node APIs	Express, Prisma, GraphQL, Nexus, Migrations, Seeds, Mono / Micro Architectures, API Integrations
3rd Party	Mapbox, Facebook, Stripe, Google, Twitter, Instagram, Auth0, SAP, AWS, Twilio, SendGrid, Mandrill, etc

Methods

Best Practices	Pixel-Perfect, DRY, SOLID, ISO Standards, TDD / BDD
Product Management	DevOps, SCRUM, QA, Gitflow, CI/CD
Additional Concerns	Security controls, Performance optimizations, Scalable architectures

Tools

Development Tools	VS Code, WebStorm, Terminal, Sequel Pro, DBeaver, Postman
Deployment Tools	Heroku, AWS, CircleCI, GitLab
Collaboration Tools	Atlassian, GitHub, Asana, Trello, InVision, Zeplin, Slack, etc
Monitoring Tools	Rollbar, Bugsnag, Mixpanel, Fullstory
Design Tools	Figma, Framer, Sketch, Photoshop, Illustrator, IcoMoon, Noun Project

Experience

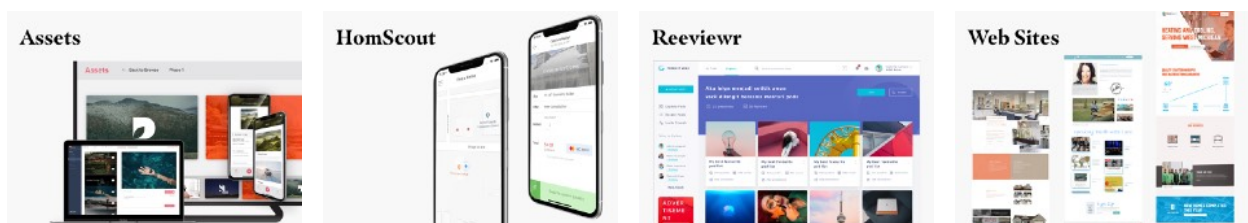## Full Stack Engineer

AlexTheGoodman - *Jan 2013 - Present*

I got my professional start about 10 years ago by working with local clients and have been providing web and mobile software engineering services ever since. I have also held a number of full-time or in-office positions in that time.

Technical-side

- Develop React and React Native components with clean, functional TypeScript

- Design maintainable SASS architectures and write reusable style files

- Write Cypress and Jest tests according to BDD / TDD methodology

- Implement GraphQL types and resolvers and REST API endpoints

- Manage, model, and migrate data stores (MySQL, PostgreSQL)

- Optimize for performance, security, accessibility, SEO, collaboration, cleanliness

- Write documentation and guidelines and create visual aids

Business-side

- Research and collect business information related to the challenge at hand

- Develop specifications and estimations for projects

- Establish technical plans and coordinate contractors as-needed

- Implement verifiable quality assurance controls

- Deliver projects which meet or exceed scope requirements

- Provide long-term support mechanisms and procedures

Senior Frontend Developer

The Seventh Spark Company - *Nov 2021 - Feb 2022*

- Participate in product and data discussions

- Write and refactor React, Tailwind components according to Zeplin designs

- Research new client-side library integrations (Headless UI, Filestack, etc)

- Collaborate with back-end developers on a Node-based REST API (MongoDB, AWS)

- Contribute to "Faithful" web application using gitflow version control standards

Full Stack Engineer

RediMinds - *February 2021 - October 2021*

- Research emerging technologies (AR, VR) and market opportunities

- Research, outline, and create visual aids (maps, diagrams) and documentation

- Migrate legacy Postgres data stores to new schemas and systems

- Plan and develop Prisma database schemas and GraphQL Nexus microservices

- Implement clean and re-usable React components and TypeScript types

- Write end-to-end tests with Jest and various mocking tools

- Collaborate closely via working sessions and partner programming

- Maintain other supporting systems (SAP) and platforms

Web Application Developer

EDUStaff - *March 2018 - May 2019*

- Collaborate closely with other developers throughout planning, deliberation, and production stages

- Develop front-end features according to best-practices with React and AngularJS

- Write Karma, Jest, and Cypress tests intended for GitLab CI/CD systems

- Leverage new Web APIs, browser features, syntax optimizations and standardization

- Offer design and user experience advice in the absence of a full-time designer

- Contribute as needed to the multi-app Django monorepo

Full Stack Engineer

LeadScout - *January 2017 - October 2017*

- Lead the development of the initial React Native iOS prototype

- Develop React Native components with JavaScript and SASS

- Work one-on-one with the lead UX designer (Sketch, Zeplin)

- Architect and develop a versioned Node REST API

- Distribute the iOS app to internal and external testers via Testflight

- Deploy various APIs, databases, and assets to Heroku and AWS

Front-End Developer

Cull Group - *October 2015 - June 2016*

- Translate Photoshop and Sketch designs and wireframes to web pages which were standards- compliant, mobile- responsive, and backwards-compatible

- Integrate pages with ExpressionEngine CMS and enable control of content pieces, meta data and other items

- Develop custom email newsletters and transactional email notifications (Outlook-compatible) and integrate them with the CMS

- Enjoyed the chance to experiment with a HTML5 Canvas-based Bejeweled-style game for mobile devices

Web Developer

TBX - *Feb 2014 - Jan 2015*

- Collaborate closely with designers and project managers to ensure timely completion of digital deliverables (web sites, interactive ads)

ALEXTHEGOODMAN

- Translate Photoshop designs to web pages which were standards-compliant, mobile-responsive, and backwards- compatible

- Integrate pages with WordPress CMS (Custom Templates, Custom Post Types, Custom Plugins) to enable control of content, layout, meta data and other items

Front-End Developer

Givinci - *Jul 2013 - Dec 2013*

- Collaborate with various stakeholders (from management to marketing) to aid in designing new web pages and features for Givinci's different web-based offerings

- Develop pages and modules using RoR and in-house development techniques

- Gained early experience with a new technology and architecture (MVC, SASS, Grunt)

- Acquired early insights into start-up planning, marketing, and coordination

Notable Projects

ClimateCheck

- Featured in major publications (QZ, Bloomberg, FastCompany)

- Optimized web app for retrieval of climate report regarding any US-based address

WebLeap

- Recruited and formed local team

- Gesture-based human-computer interaction experience via a Chrome Extension paired with a Leap Motion Developer Kit

Assets

- Isomorphic + cross-platform application (Web, iOS, and Apple TV)

- Real-time interface for designers and photographers to manage proofs with clients

Recommended Books

Defensive Security Handbook	Security strategies for prevention, monitoring, and response
The DevOps Handbook	Operational strategies and systems for larger engineering teams
Natural Language Processing with TensorFlow	Implementing machine learning models in Python and TensorFlow
Human + Machine	Discussing the wide variety of AI use-cases in the business world
Mapping Experiences	Detailing various diagrams and maps for aligning business and customer needs
Lessons in Typography	History and the various components of typography
People Skills	Listening reflectively, speaking assertively, and removing conversation blocks
Product Roadmaps	The modern product roadmap for forward-looking teams

Learn More

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