Hi, I'm Alex Woodman

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 8+ 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!

- **Engineered dozens of web and mobile applications for global enterprises and innovative startups as well**
- **Worked for multiple fast-paced agencies and maintained long-term client relationships**
- **Open sourced 10+ projects on GitHub**

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Expertise

React Web Applications	Apollo, Context, Redux, Hooks, Material UI, Antd, i18n, Storybook
React Native Mobile Apps	iOS and Android, XCode, Android Studio, Testflight Distribution
Node APIs	Express, Prisma, GraphQL, Database ORM, Microservices, Integrations
TypeScript (Isomorphic & Cross-Platform)	Interfaces, Enums, Custom Configs and Linters, Definition Files, Webpack
Automated Testing	Jest, Cypress, Mocking, Cucumber, BDD
Static Code	Semantic HTML, On-Site SEO, JSX, SASS, JSS, Gatsby
UX & UI	Design-to-Code, Flexbox and Grid, Canvas, SVGs, BrowserStack
More	NPM, Yarn, SSR, Lottie, Uber Viz, Mapbox, BrowserStack

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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, Slack, etc

Design Tools　　Figma, Sketch, Photoshop, Illustrator

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Experience

Senior Frontend Engineer
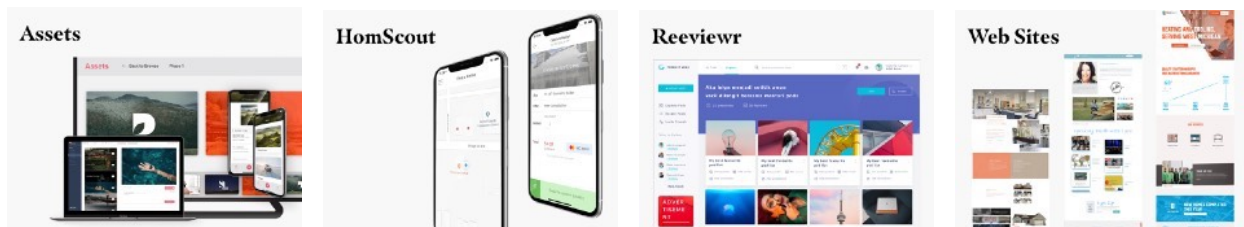
AlexTheGoodman - *Jan 2013 - Present*

I got my professional start nearly 9 years ago by working with local clients and have been providing web and mobile software engineering services ever since. I have also held a handful of full-time, in-office positions in that time.

Technical-side

- Write Cypress tests according to BDD / TDD methodology (Cucumber, Gherkin)

- Develop React components with TypeScript (clean, focused, functional, typed)

- Develop sustainable GraphQL resolvers with GraphQL Nexus

- Develop REST API CRUD controllers with Express and Node (validation, auth, ORM)

- Write documentation and guidelines for other engineers

Business-side

- Identify and obtain all business information related to the challenge at hand

- Develop specifications and requirements 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

Full Stack Engineer

RediMinds - *February 2021 - October 2021*

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

- 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

UI 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)

- 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)

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

WebLeap

- Recruited and formed local team

- Built new air-gesture-based human-computer interaction experience with Leap Motion Developer Kit

Assets

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

- Built 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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