Liam Ellis, Software Engineer

Liam Ellis · 102 India Street, #4L Brooklyn, NY 11222 · 612 -239-8433 · liamhellis@gmail.com

MISSION STATEMENT

Passionate full stack developer with hands-on experience architecting web applications across the spectrum of industry scale and programming languages. Quick learner, ambitious and intimately familiar with the overwhelming sense of imposter syndrome induced by being an entry level developer and again years later by co-founding a tech startup.

Lead when appropriate, learn all the time. Seeking an ambitious and progressive company, teamwork, mentorship and above all else continuing my craft.

EXPERIENCE

Soundpruf / Lead Developer, Co-Founder

October 2017 - Present, NYC, https://www.soundpruf.com
- Developed our client side React application as a Progressive Web App. Features included:
  - Native platform music streaming
  - Custom music/audio uploads
  - HTTP access to blockchain events
- Delivered the company's POF as an off-network blockchain built in Python and Flask. Blockchain functionality was exposed via the Flask application's server side RESTful architecture and consumed by our client side React PWA.
- Constructed our entire 95% serverless backend using a microservice centered approach to our platform architecture.
- Hand coded all platform microservices including:
  - Custom Serverless User Authentication (Apollo Server/Apollo Client/GraphQL and the Spotify API)
  - Server/Client Email Verification
  - Multi Database Cron Jobs for routinely syncing user music streaming accounts
- Constructed and scaled an enterprise level AWS RDS SQL/Postgres database cluster, complete with multi-AZ provisioning, read-only instances and failover protection.

IF Studio - Lead Developer

March 2018 - Present, NY, NY, http://ifstudiony.com
- Elevated productivity through the introduction of company wide project management workflows and centralized development task tracking.
- Implemented the company's first CI/CD delivery and DevOps pipeline which successfully transitioned the company from a zero to 75% autonomous deployment architecture.
- Designed, constructed and deployed 6 stylish, cutting edge, production grade web applications web applications in React and PHP.
- Authored development proposals resulting in the acquisition of the company's largest client to date.

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Hi Karl, Lead Front End Developer

March 2017 - November 2017, Nashville, TN (Remote)
- Assisted in developing the company's Facebook Messenger chatbot, connecting user accounts across our web and Amazon Alexa platforms, building in-chat webviews in React as well as NLP application logic in Python.
- Developed a location-based search algorithm for user relevant concerts, in conjunction with a QR code ticket redemption feature for in-app purchases.

Befine Skin Care, E-Commerce Developer

January 2016 - March 2017, NY, NY, https://www.befine.com
- Structured and executed all design sprints and milestones, including wireframes, mockups and user flows for the companies custom Shopify platform.
- Completed the design to development workflow using Shopify's platform specific Liquid templating language, Javascript, jQuery and HTML and SCSS.
- Built out advanced SCSS/CSS3 micro-interactions and search animations.
- Developed SEO, MailChimp, and digital marketing integrations leading to a 30% increase in shopping cart conversions.

Gotham Glass NYC, Front End Developer

October 2015 - January 2016, NY, NY, http://gothamglassnyc.com
- Structured and executed all design sprints and milestones, including wireframes, mockups and user flows for the companies custom Shopify platform.
- Completed the design to development workflow using Shopify's platform specific Liquid templating language, Javascript, jQuery and HTML and SCSS.
- Built out advanced SCSS/CSS3 micro-interactions and search animations.
- Developed SEO, MailChimp, and digital marketing integrations leading to a 30% increase in shopping cart conversions.

SKILLS

React, Next, Node, Javascript, ES6/ES7, Ruby, HTML, CSS, SASS, Python, GraphQL, Apollo/Apollo Client, Flux, Redux, MobX, React Context API, Express, Express-GraphQL, Firebase, MongoDB, ActiveRecord, SQL, Postgres, SQLAlchemy, Git, Heroku, AWS, Redis, nGrok, Bit, GitLab, Vagrant, Serverless, Travis CI, Docker, Apollo Server Lambda React Storybook, Semantic UI, Brotli, Cross Browser Compatibility, Performance, Progressive Enhancement, E-Commerce, Shopify, Wordpress, Contentful CMS/API, DevOps, Microservice Architecture, CI/CD, Gulp, Bower, Brunch, Yarn, Webpack, Browserify, Babel, REST, Sketch, Zeplin, PSD, Invision, Bootstrap, Material Design, Mobile Optimization, Responsive Design, Progressive Tooling

EDUCATION

University of Minnesota, Anthropology, 3.8