

Skills

Languages & Tools: Python, Django, Flask, Pyramid, React, Redux, JavaScript, ES6, Meteor.js, PostgreSQL, MongoDB, GraphQL, Elasticsearch, HTML5, CSS3, Stylus, SASS, Pug, Brunch, Gulp.js, Git, Linux, Mac, Windows, Stripe, Google APIs, AWS, jQuery, PHP, REST, Figma, Sketch, Photoshop

Technical Expertise: Web Development, UX Design, Product Design & Development, Agile Methodologies, Web Standards, Online Payment Solutions, Tech Hiring Best Practices, Web Application Security, Blockchain, API Development, 3rd Party API Integration

Experience

Senior Full Stack Developer | RateMDs 2015 – 2017

- Lead development of a doctor review and rating site with over 10 million monthly users.
- Implemented modern development methodologies including Standups, Code Reviews, Pair Programming, Linting, and Coding Style Guides.
- Reached out to programming bootcamps and conducted technical interviews with 30+ candidates. Created structured interview format to enable quantitative analysis of candidates' abilities during technical portion of interview.
- Mentored new developer through pair programming and deep dives.
- Completed multiple SEO enhancements and implemented Google AMP, leading to a 20% increase in traffic over one year.
- Refactored Django REST Framework API to ensure consistency between API endpoints.
- Sourced and integrated a 3rd party subscription dunning system, leading to recovery of an additional 13.5% of delinquent charge value.
- Built out automated financial and sales reporting framework, saving teams days of manual labour every month.

Technologies: Python, Django, DRF, React, ES6, PostgreSQL, SASS, Gulp.js, Elasticsearch, Stripe

Technical Project Manager | Kodebuilders Software 2014 – 2015

- Managed an international team of 10 developers, guiding Kodebuilders' 6-month growth from startup to the second largest Canadian contractor on Elance.
- Enhanced sales pipeline, communication, project management, and development practices by adopting a hybrid Agile methodology.
- Acted as main point of contact with high profile clients such as the University of Toronto, translating client needs into technical requirements.
- Pioneered a successful all-online workflow using Slack and Teamwork.com that connected employees in 3 time zones around the world.
- Managed upwards of 7 projects simultaneously, increasing productivity and ensuring deadlines met.

Technologies: Python, Scrapy, PHP, JavaScript, jQuery, Slack, Teamwork.com

Freelance Full Stack Developer | Remote 2012 – Present

County Court Law Chambers 2016

- Worked in conjunction with a freelance designer to create complete branding package for a coworking environment in the Legal industry.
- Responsible for copywriting and site development from concept to deployment.

Down to Earth Cleaning 2014

- Developed clean design and copytext for a local cleaning service on Squarespace.
- Created brand colour scheme using Adobe Color and graphics in Photoshop using stock photography.

Moon Criminal Law 2014

- Designed and developed website, integrating client artwork. Minor copywriting.
- Continuing feature enhancements, maintenance, and technical support.

Feathercoin Cryptocurrency 2013

- Contacted by creator of Feathercoin to port a mining profit calculator from my personal site to the official site.
- Offered further programming and business strategy consulting.
- Modernised existing site design and improved user experience.
- Enhanced mining profitability calculator and created a coin statistics page pulling information from live sources using JSON-RPC.
- Integrated and restyled an already existing blockchain explorer.

Lead Full Stack Web Developer | Stealth Health & Fitness Startup 2012 – 2013

- Developed a social network for health and weight change tracking.
- Created CMS and premium subscriptions with videos and articles from the co-founder's weight management and healthy eating program.
- Designed serial code generation algorithm which supported redemption analytics and admin set price and quantity.

Technologies: Python, Pyramid, SQLAlchemy, PostgreSQL, Stripe

Python Web Developer | Halight Digital 2012

- Worked on a Fortune 100 company's internal project management web app fixing bugs and developing new features.
- Created an employee incentive scoreboard, interfacing with legacy APIs.
- Worked closely with a client in health industry, to complete and release their unfinished startup.

Technologies: Python, Django, PostgreSQL, Ubuntu Server

Education

St. Clair College | Windsor, ON 2010 – 2012

Web Applications Development, Advanced Diploma, 3.7 GPA

- Co-founder & CFO, St. Clair Web Club.
- Gold, Provincial Skills Canada Web Development competition in Waterloo, ON.
- Silver, National Skills Canada Web Development competition in Edmonton, AB.

University of Toronto | Toronto, ON 2007 – 2008

Computer Science

Interests

Camping, Chess, Cryptocurrency, Effective Altruism, Entrepreneurship, Food, Futurology, Game Design, Hackerspaces, Investing, Linguistics, Machine Learning, Math, Music Production, Parkour, Photography, Psychology, Shaolin & Wing Chun Kung Fu, Software Engineering Methodologies, Travel, UI design, UX