

EMPLOYMENT

Lead Software Engineer**OANDA Corporation****Spring 2020 – Present**

- Managed a remote team of 6 to engineer robust and scalable web solutions. Showcasing company's business advantages and regulatory information to potential and active clients with 35m monthly visits.
- Led currency converter project with 500k/day visits by creating 2 React apps, and a scalable Flask microservice on GKE. Met a 4-month deadline by collaborating with designers and infrastructure engineers.
- Overhauled embeddable currency converter app with 300k/month views by engineering a NextJS app. Utilizing TailwindCSS for styling, CircleCI and ArgoCD for CI/CD to host the app on Kubernetes (GKE).
- Saved \$400k annually in IT costs by managing the team to spawn data-visualizing 6 React apps in-house.
- Handled recruitment, training, and performance review of 8 developers and interns (past and present).
- Improved team engagement and productivity by creating a friendly culture that values ownership.
- Applied Agile processes by planning 2 weeks sprints, estimating projects, and communicating with PMs.
- Mentored a junior engineer and devised a career development plan which led to their promotion to senior level.

Software Engineer | Spring 2020 – Fall 2021

- Main contributor, 38% of commits, across various projects including the main Python Django CMS.
- Pioneered e2e testing, saving 8 hours/month of deployment time by setting up TestCafe and Checkly tests.
- Dockerized and deployed Django CMS with 6 containers on GKE using Helm charts, Jenkins, and Terraform.

Software Engineer**Hostpapa****Spring 2018 – Spring 2020**

- Integrated AliPay into Ubersmith billing system to facilitate acquiring company with 1500 active customers.
- Encouraged 15% of customer service renewal by incorporating PayPal's recurring billing agreement.

Sr Full-Stack Software Engineer**Yektanet****Spring 2016 – Spring 2018**

- Co-created Iran's largest online ad platform by conceptualizing a highly-available, load-balancing front-end app. Accompanied by a suite of Python Django apps including a big-data analytics app and 3 dashboards for advertisers, publishers, and business engineers.
- Responsible for gathering system requirements, designing, and developing 2 full-stack web applications.
- Improved blog website's page load speed by 45% by producing specialized WordPress plugins and themes using methods like lazy-loading and responsive images.

Software Engineer**Bamilo****Summers 2015 – Spring 2016**

- Automated 5 data streams to centralize business data by querying 2 DBs and crawling 3 dashboards.
- Visualized E-commerce analytic data, and allowed scheduling data stream jobs by creating a Laravel app.

Jr Full-Stack Software Engineer**Pordo****Winter 2013 – Summer 2015**

- Customized 20+ CodeIgniter (PHP) CMS instances, front-end and dashboard, tailored to customers' needs.

EDUCATION

St Catharines, ON**Brock University****Fall 2017 – Winter 2019**

- M.S.E. in Computer Science. Thesis: AI-generated Quests for RPG games Using Genetic Programming

LANGUAGES AND TECHNOLOGIES

- Python; Django; Flask; JavaScript; React; NextJS; GCP; KinD; Helm charts; Terraform; Kubernetes
- Docker; CircleCI; ArgoCD; Cloudflare; TestCafe e2e; Postgres SQL; PHP; SASS; MUI; TailwindCSS; Redis