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# Adam Vandover
## Senior Software Engineer

## Professional Profile

Dedicates skills to improving lives with technology. Excels at communicating with stakeholders to interpret problems, validates solutions using design sprints, and implements software based on business goals.

**Current Languages:** Typescript & JavaScript (Node.js, Vue.js, and React), SASS & CSS
**Previous Languages:** Java (Spring), Swift, C++, PHP, Ruby on Rails

**Skills & Experience:**
- Kubernetes (k8s), Istio service mesh, Envoy, Helm, HashiCorp Vault & Terraform
- Github, CodeFresh, Slack, Linear, Jira, Figma, Zeplin, Trello and Invision
- Google Cloud Platform, AWS, Firebase, PostgreSQL, MySQL/MariaDB, MS SQL, Docker, Heroku.

## Employment Experience

**2018 - Present**
**Zume** - Senior Software Engineer

- Audits our Google Cloud Platform spend leading to cutting costs by scaling back cluster resources and removing unnecessary clusters saving 29% of our day over day total spend.
- Led an effort to convert our CI/CD process from self-hosted Jenkins/Spinnaker to a hosted service saving 33% on costs and improving the developer experience.
- Helped to identify our customers by creating demos, gathering feedback, and improving our feature set, leading to a partnership with an East Coast Pizza Chain.
- Responsible for maintenance and improvement of the Zume Forward infrastructure.
- Installed HashiCorp Vault to store all private application keys and mitigate exposing secrets.
- Mentored junior engineers to improve code quality from thoroughly reviewing pull requests, working through designing application architecture, and teaching how to ask questions to catch corner cases while focusing on customer needs.

**2018**
**Handshake** - Software Engineer

- Built product features for millions of active users with React/Redux, Typescript, and Rails.
- Delivered an email campaign feature for Premium Employers (revenue-generating accounts) to keep students aware of jobs, events, and career fairs the employer is offering or attending.
- Took product requirements and designs from Zeplin to give feedback in scoping sessions to build best-in-class features for employers.
- As a member of the front-end guild, I helped to create front-end development best practices for the entire engineering organization.

**2016 - 2018**
**forrent.com** - Manager of Mobile Development and Research & Development Teams

- Developed a live video streaming service (called ForRentLive) using React Native for property managers to show off their property and answer real-time messages (using Firebase Database) for potential renters from their iOS or Android devices.
- Managed a team of six to build production-ready mobile and prototype applications for millions of monthly users.

**forrent.com** - Research & Development Rapid Prototype Developer

- Developed an iPad Pro application (written in Swift) for the sales team to automate creating slide decks with client information to pitch new products on-site.  That helped save hundreds of hours of manually building sales slide decks with inconsistent results and incorrect data.
- Utilized the Google Ventures one-week design sprint methodology to produce new testable services and apps rapidly.

**2011 - Present**
**hny creative** - Software Engineer
- Implemented the API, Website, and Mobile Apps for a buy local initiative called LOVEVA to support a network of local businesses in the Hampton Roads area leading to more than 183k purchases.
- Extends WordPress and Drupal CMS to build websites for schools, non-profits, and small businesses.
- Leverages Amazon Web Services, including EC2, Route 53, RDS, S3, and CloudFront to build solutions for clients.

**2008 - 2014**
**IBM** - Senior Technical Consultant
- Rewrote a legacy Tririga Application for a large government agency to create a learning management system integrating with Adobe Connect to deliver engaging real-time training for employees leading to 35k completed training sessions in the first 2 months of delivery.
- Developed and implemented hundreds of course templates, including HTML, CSS, Adobe Flash 3.0, and JavaScript for exams and course deployments for instructors.

**2007 - 2008**
**Cubic Corporation** - Web Developer
- Created and maintained course content and exams for a Learning Management System used by a large government entity.  Lead to over 25 thousand monthly course completions.

## Additional Experience

- Winner of the 2019 Zume Hackathon
- Coordinated Dominion Enterprises Internal Hackathon and the Dominion Enterprises Student Hackathons (2016 & 2017)
- Hosted a session teaching Portsmouth Public School Coders (8th-grade students) how to code using hopscotch (2016)