
EDUCATION

Carnegie Mellon University
Bachelor of Science in Applied and Computational Mathematics
Concentration: Computer Science

Pittsburgh, PA
2014

TECHNICAL SKILLS

- **Fluent:** Angular 7+, TypeScript, Angular Material Design, CSS3, HTML5, JavaScript, JQuery, SCSS, Bootstrap
- **Experience with:** Ruby, Rails, Vue.js, Python, Node.js, React.js, C, Java, MongoDB, HAML, Sass
- **Tools:** Git, GitHub, Vim, Jira, Cypress, npm, Confluence, Trello, SendWithUs email templating, Postman, Slack, esLint, tsLint, Font Awesome, InVision, Google Analytics, Google Tag Manager, Email on Acid, AWS S3, Docker
- **Practices:** TDD, pair programming, Scrum (Agile), peer code review, Material Design, SMACSS

EXPERIENCE

VacayHome Connect
Lead Frontend Software Engineer

Chicago, IL
5/18 – Present

Frontend Web Development

- Served as integral developer in recreating core product handling vacation rental management and distribution using Angular, additional modern technologies, and groundbreaking industry automation connecting to 3rd party APIs.
- Drove efforts to craft structure of frontend applications including analyzing and determining frontend frameworks for company's primary product offerings, shaping code standards, and standardizing design patterns.
- Collaborated closely with backend developers to determine and ensure highest standards for endpoint construction.
- Envisioned and led efforts to create internal website providing employees transparency to revenue and sales increasing visibility from 0 to 100%. Data retrieved without relying on short staffed backend development team.
- Designed, developed, and managed overhaul of marketing website. Deployed completed site 25% ahead of schedule.

Technical Leadership

- Hired and onboarded frontend developers building team from scratch. Compiled report's individual annual reviews.
- Collaborated with offshore developers ensuring 24 hour coverage and mentored interns by fostering skill development.
- Championed agile methodologies by leading standups, monitoring kanban/sprint boards, and facilitating grooming.
- Served as liaison making meaningful contributions and decisions between frontend team and other teams.
- Bettered deployment efficiency and resolved interteam conflict by reinventing process for build pipeline and git branch modeling resulting in 90% decrease of bugs making it into production.

Cultural Initiatives

- Promoted interdepartmental relationships with game nights, holiday activities, and quirky personalized name plates.
- Boosted office morale by coordinating charity snackshop, team outings, team lunches, and birthday decorations.

FOREVER, INC

Software Engineer

Pittsburgh, PA
8/16 – 6/17

Technical Accomplishments

- Dove into middle of major marketing/ecommerce website reorganization and redesign project, quickly contributing to both frontend and backend code meaningfully.
- Served as key contributor in remake of primary product (custom photo storage and organization) application, making vital frontend architectural decisions. Quickly learned newly-chosen frontend framework, Vue.js.
- Rebuilt all automated emails and implemented clean design across all devices and platforms.
- Initiated and executed complete overhaul of company's frontend style guide.

Company-Wide Initiatives

- Aided in the professional growth and development of co-workers. Served as mentor for non-engineers wanting to learn about coding data structures, writing tests in Rails, and versioning control (git).
- Promoted company-wide spirit by planning and organizing company activities and competitions, leading a project to create company yearbook outside of working hours, and adding fun twists to otherwise mundane team rituals.

Responsive Web Development

- Spearheaded responsive redesign of international global.4moms.com websites, 17 languages in total to support 62 countries. Created universal structure for ease of ongoing updates.
- Achieved a responsive redesign by coordinating development of both 4moms.com and shop.4moms.com resulting in an increase of mobile traffic by 45% and mobile conversion rate by 25% within 6 weeks.
- Conceptualized and led project to automate script for international websites, reducing time for creating new pages from 8 hours to 0.5 hours.
- Served as key communicator and champion within team to ensure the highest standards of code and practices.

Digital Marketing

- Expanded role as the dedicated software engineer on the digital marketing team. Supported the team with custom HTML email development, ongoing ecommerce optimization projects, and website changes based on web analytics and A/B testing. Entrusted to manage backlog and timeline.
- Acted as strong cross-functional communicator within team. Tirelessly advocated for mutual understanding and alignment behind project scope, timeline, objectives, and priorities.

Product Development

- Collaborated with VP of Technology to design web application that automated documentation of product information coming off of the assembly line in noisy production environment without internet access. Went from capturing 0 to 15,000 product assemblies per month without cost increase.
- Contributed to embedded code development on physical product (infant car seat). Jumped into project with little notice, spun up quickly, and self-taught best practices.