

David Zhu

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Full Stack Software Engineer

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PROFESSIONAL EXPERIENCE

Vistaprint

Software Engineer II

Software Engineer I

Silver Spring, MD

Jul 2018 - Present

Jul 2016 - Jul 2018

I interned for Vistaprint and joined full time after graduating from university. I've worked on two teams tasked with supporting legacy products and infrastructure, revamping internal tooling, and building net new features for Vistaprint's flagship website builder. In addition to my daily engineering tasks, I mentor new / junior engineers, participate in an on-call rotation, and work on side projects for the organization.

Infrastructure

- Migrated monolithic legacy products from a datacenter to an AWS cloud environment, resulting in higher product uptime and lower response rates for customers
- Containerized new and existing microservices using Docker

Internal Tooling

- Worked with customer support agents to revamp a Node.js based service for reviewing potentially fraudulent customer accounts
- Enhanced customer facing domain registration flow to include internal fraud reporting in order to reduce company COGS and time for agents to review accounts

Product Development

- Collaborated with product owners, designers, and other engineers to launch a new layout engine for Vistaprint's flagship website builder
- Participated in live user testing to observe and collect feedback
- Contributed to an experimental standalone custom domains product
- Maintained the legacy website builder product as part of an on-call rotation

TECHNICAL SKILLS

Technologies

Node.js, React, Sails, Git, Docker, AWS,
MongoDB, PostgreSQL, JIRA, Slack,
Sketch

Languages

Javascript, HTML/CSS, Java

EDUCATION

University of Maryland, College Park

Bachelor of Computer Science

Graduated May 2016