STUART DOTSON

Software Engineer

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EXPERIENCE

Senior Software Engineer

Calm

📅 11/2021 - Present 📍 Silver Spring, MD

- Identified several sources of flaky tests, including feature flags and live API calls. Proposed and implemented a solution that increased engineering productivity
- Identified a mechanism for the automated generation of API documentation from code and implemented the solution
- Decreased build times by 30% by proposing and implementing the migration of a Typescript Node.js monorepo to ESM and node type-stripping
- Led several projects dealing with observability, tech debt, and new features from initial research, project planning, ticket creation, and implementation to deployment

Senior Full Stack Engineer

Upside Business Travel

📅 1/2017 - 8/2021 📍 Washington, DC

- Led several features that improved customer experience, increased margins, and decreased the incidence of bugs for a large application built with React, Node, TypeScript, and Python

Lead Instructor

General Assembly

📅 12/2020 - 2/2021 📍 Silver Spring, MD

- Taught 20 students enrolled in a part-time remote JavaScript course covering programming and JavaScript fundamentals

Web Implementation Engineer

Opower

📅 1/2016 - 10/2016 📍 Arlington, VA

- Built Node/Angular energy efficiency dashboards used by the largest energy companies in the US
- Decreased repetitive development tasks by 50% by proactively identifying opportunities for automation and writing scripts

Web Developer

Blueprint Interactive

📅 1/2014 - 1/2016 📍 Washington, DC

- Built an interactive web documentary experience that increased agency clientele
- Built several internal tools that improved client workflows and deployment efficiency

EDUCATION

Bachelor of Science

Eastern Michigan University

SUMMARY

I am a Software Engineer and Technical Writer skilled in architecting and implementing solutions to engineering challenges.

ACHIEVEMENTS

💎 **Decreased Build Times**
Decreased Node.js CI build time by 30% with migration to ESM and type stripping.

💎 **Automated Dev Tasks**
Reduced development time by 50% through automation of tasks.

💎 **Successful JavaScript Class**
Taught JavaScript class with a 95% course completion rate.

CERTIFICATES

Terraform Associate (003) Certificate
HashiCorp

Technical Writing Certificate
Technical Writer HQ

Introduction to Computer Science
MITx Courses

SKILLS

- JavaScript / TypeScript / Node.js
- React / Next.js
- AWS / GCP
- Docker
- Python
- Go