

Cody Rushing

Full stack software engineer

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Elevation (formerly Curb) Software Engineer July 2016 - present

- Assisting in rearchitecting the Curb cloud system to support 10K+ IoT smart meter devices and 800+ daily active users. Migrating from a legacy monolith to a suite of AWS microservices utilizing Auth0 for authentication.
- Building UI dashboards for end users and administrators to monitor their fleets of IoT devices and customers utilizing React and D3. Demo available at app.energycurb.com/demo.
- Designing and implementing internal and public APIs to securely provide historical and real-time energy data utilizing mostly Node.js (ExpressJS) and Python (Flask).
- Developing a demand response system to shift peak demand through automated smart thermostat controls, including a fleet-wide management web portal utilizing Serverless, MongoDB, and Next.js.
- Designing and implementing a timeseries data API for all IoT sensor data utilizing Node.js and AWS Timestream to perform custom binning, aggregations, and interpolation.
- Working closely with the product team to develop functional product specs and translating those into technical design documents for the engineering team.

GreenSync Software Engineer October 2015 - March 2016

- Maintaining a customer-facing web application providing real-time electricity metering data, including interactive data visualization with D3.
- Writing and maintaining a suite of automated browser tests.

Atlassian Web Developer November 2014 - August 2015

- Developing front-end codebase for atlassian.com and associated web properties.
- Implementing a lightweight jQuery-based component library, custom CMS extensions, and streamlined development and build workflows.

Razorfish Senior Presentation Layer Engineer April 2012 - October 2014

- Developing public-facing web applications and CMS-backed websites for clients such as Samsung, Southwest Airlines, BlackBerry, and others.

Monkee-Boy Web Design Front-End Developer July 2008 - April 2012

- Client projects consisting mostly of PHP and WordPress-backed websites.

Skills and technologies

Node.js TypeScript React AWS D3 CSS MongoDB Next.js OpenAPI Jest Cypress Serverless
Auth0 TDD Three.js Docker Redis Python SQL WebGL

Education

University of Texas at Austin

B.S in General Kinesiology (Biology minor) - May 2010

References available upon request.