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).
- Writing automated API integration tests utilizing Jest.
- 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 custom web applications and CMS-backed websites for clients such as Samsung, Southwest Airlines, BlackBerry, and others.
- Working with UI/UX team to iterate on design assets before handing off to engineering.

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

- Client projects consisting mostly of PHP and WordPress-backed websites.
- Translating custom UI designs into mobile-first websites and web applications.

Skills and technologies

Node.js   TypeScript   React   AWS   D3   CSS   Websockets   MongoDB   Next.js   OpenAPI   Jest

Cypress   Python   SQL   Serverless   Auth0   Three.js   Docker   Redis   WebGL

Education

University of Texas at Austin

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

References available upon request.