Daniel Paz-Soldan

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PROFESSIONAL EXPERIENCE

Curiosity Media Arlington, VA   June 2014 — Present

Software Engineer, spanishdict.com and pubnation.com

- Processed millions of user queries with Elasticsearch to provide automatic search-as-you-type suggestions and accurate search results, improving user experience and increasing engagement for 15M unique users per month.
- Implemented robust data pipeline using Node.js microservices and AWS SQS to ingest, queue, and asynchronously process incoming data stream, enabling low latency data processing and flexible maintenance schedule.
- Created Ember.js dashboard application and RESTful API with Node.js, MySQL, and Elasticsearch for users to perform custom data analysis across more than 100,000 records per month.
- Migrated cloud infrastructure from Chef to AWS EC2 Container Service (Docker) with zero downtime, reducing server costs, improving metrics visibility with StatsD and Datadog, and enabling rapid automated deployments.

The George Washington University Arlington, VA   January 2017 — Present

Teaching Assistant, GW Coding Boot Camp

- Mentored and taught over 60 students of all backgrounds towards proficiency in full stack web development.
- Assisted instructor with classroom logistics, presented concepts and assignments, and assisted students one-on-one.
- Covered various topics including Git, HTML, CSS, JavaScript, jQuery, Express, React, Node.js, MongoDB, MySQL.

HIP Consult Washington, DC   February 2013 — May 2014

Analyst

- Designed and developed mapping and visualization application using MongoDB, Express, Angular and CartoDB, enabling analysis of telecom and energy infrastructure coverage in emerging markets.
- Collaborated with team to build business plan, develop marketing strategy and launch product to government agencies.
- Rebuilt company website with responsive design and PHP CMS allowing for easy content management and developed customer payment portal using Stripe enabling secure online sales of company white papers.

COMMUNITY EXPERIENCE

Node.DC & NovaNode Washington, DC   June 2014 — Present

Meetup Organizer

- Organized regular Meetup events such as hack nights and lightning talks, and invited industry leaders and community members to present on current topics for developers in the Northern Virginia / DC area.
- Hosted monthly *NodeSchoolDC* workshops for 20-50 students of all levels to learn to code in a group setting, and organized team of experienced developers to provide regular mentorship for event attendees.
- Instituted local chapter of annual *International NodeBots Day* event attracting over 30 hardware enthusiasts for three years in a row, including company sponsorship, advertising posters and website.

Open Source Projects

bodybuilder: Built and actively maintain a popular Elasticsearch query body builder, recently featured in Node Weekly #118.

hubot-travis-ci: Developed a chat bot plugin for interacting with Travis CI builds from Slack or other hubot applications.

More projects available at: https://github.com/danpaz.

SKILLS

JavaScript, Node.js, HTML, CSS, Ember.js, React, Elasticsearch, MongoDB, MySQL, Docker, Chrome debugging protocol, AWS, EC2, Elastic Beanstalk, EC2 Container Service, D3.js, Babel, Mocha, Sinon.

EDUCATION

M.A.Sc, Electrical and Computer Engineering, University of Toronto, 2012
B.Sc.E, Engineering Physics, Queen's University at Kingston, 2011

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