Daniel Paz-Soldan

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Software Engineer with 4+ years experience specializing in full stack web development

EXPERIENCE

Curiosity Media Arlington, VA   June 2014 — Present

Software Engineer, spanishdict.com and pubnation.com

- Developed SaaS platform including building backend services, database administration, testing, UI/UX, dev ops, goal planning and feature estimation, bringing the product from conception to subscribed customers.
- Built browser extension and JavaScript plugins to collect user data, and deployed website scanners with Docker, headless browsers and Chrome debugging protocol to improve visibility into site speed performance.
- Implemented robust data pipeline using Node.js microservices and AWS SQS to ingest, queue, and asynchronously process incoming data stream, allowing low latency and flexible maintenance schedule.
- Migrated Chef-hosted infrastructure to AWS EC2 Container Service with zero downtime, reducing server costs, improving metrics visibility with StatsD and Datadog, and enabling rapid automated deployments.
- Created Ember.js dashboard application and RESTful API built with Node.js, MySQL, and Elasticsearch for customers to search, filter, and graph data to derive actionable insights.
- Processed millions of user queries with Elasticsearch to provide automatic search-as-you-type suggestions and more accurate search results to improve user experience and increase engagement with the dictionary.

The George Washington University Arlington, VA   January 2017 — Present

Substitute 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 / homework, answered student questions.
- Covered 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 app using MongoDB, Express, Angular and CartoDB enabling efficient analysis of gaps in telecom and energy infrastructure coverage in emerging markets.
- Collaborated with the team to develop business plan and marketing strategy, and launch product to market.
- Rebuilt company website with responsive design and PHP CMS allowing for easy content management.
- Developed customer payment portal using Stripe enabling secure online sales of company white papers.

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 >30 hardware enthusiasts for three years in a row, including company sponsorship, advertising posters / website, and community outreach.

OPEN SOURCE

[bodybuilder](): Built and maintain a popular Elasticsearch query body builder, recently featured in [Node Weekly 118]().

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, Git.

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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