

Nicholas Pozoulakis

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EXPERIENCE

Rover.com Seattle, WA
Software Engineer II, Payments and Finance Dec 2017–Present

- Enabled Rover's international expansion and acquisition of Spanish competitor DogBuddy
 - Facilitated millions of dollars in transactions per day in multiple currencies using international payment methods
 - Ensured Rover's technical and accounting compliance with PCI, "Know Your Customer" (KYC), Strong Customer Authentication (SCA), and GAAP
 - Automated the generation of remittance reports for European value-added taxes
- Integrated with third party electronic payments providers: Stripe, Braintree, and Paypal
 - Architected the migration from a single provider to supporting three providers side-by-side
- Built the web interface for on-demand services using React/Redux, Django REST Framework, and MySQL

Live Music Project Seattle, WA
Lead Full Stack Developer March 2016–Nov 2017

- Designed and implemented front- and back-end software architecture to support a nationwide platform for the promotion and discovery of live classical and contemporary music
 - Single page applications with React/Redux, Bootstrap, Django, and PostgreSQL
 - Enabled data exploration with Elasticsearch and SEO on tens of thousands of entities
- Managed a team of four software developers and interns via Agile methods
- Collaborated with Product Manager and UX Designer to write, review, and scope technical specifications

Amazon.com Seattle, WA
Software Development Engineer, Amazon Video Aug 2014–Feb 2016

- Built and maintained high-availability, low-latency Java web services on the Amazon Video backend
 - Managed the performance and operations of services supporting 10,000 requests per second
 - Served resources for video streaming to over 200 types of devices via RESTful APIs
 - Worked directly with front- and back-end engineers to design and deliver new features across the full stack such as Ultra HD and live-streaming
 - Improved the security of services by documenting threat models and data flow diagrams
- Led an organization-wide initiative to establish deployment best practices and reduce rollbacks

Amazon.com Herndon, VA
Software Development Contractor, Amazon Web Services Aug 2013–Dec 2013

- Contributed to the open-source Kinesis Connector Java Library for initial product launch on AWS Labs
- Developed and tested components interfacing Kinesis data streams with DynamoDB, Redshift, and S3
- Supported customers with technical documentation describing library configuration and example code

EDUCATION

University of Maryland, College Park May 2014

- Bachelor of Science in Computer Science, *Cum Laude*
- Bachelor of Science in Electrical Engineering, *Magna Cum Laude*
- Banneker/Key Scholar: full, four-year scholarship awarded to top 1% of applicants based on merit

SKILLS

- Languages: Python (Django) • JavaScript (React/Redux) • Java • SQL • Bash/Unix • MATLAB
- Datastores: PostgreSQL • MySQL • S3 • Redshift • DynamoDB • Elasticsearch
- Software: Amazon Web Services • Buildkite • Heroku • GitHub • CircleCI • JIRA • Arduino
- Other: Classically trained cellist, violinist, and pianist