

# Nicholas Pozoulakis

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## EXPERIENCE

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Live Music Project Seattle, WA  
*Lead Full Stack Developer* March 2016–Present

- Designing and implementing front- and back-end software architecture to support a nationwide platform for the promotion and discovery of live classical and contemporary music
  - Building a dynamic web application and custom CMS with AngularJS, Bootstrap, Django REST Framework and PostgreSQL
  - Enabling data exploration with Elasticsearch and SEO on tens of thousands of entities
- Facilitating the software development lifecycle with GitHub for version control and project management, and Heroku for testing and production environments
  - Managing a team of four software developers and interns via Agile methodologies
  - Prioritizing and delegating hundreds of tasks based on developer skill and MVP requirements
- Collaborating 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 Engineer, 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

Amazon.com Seattle, WA  
*Software Development Engineering Intern, Amazon Video* May 2013–Aug 2013

- Designed and implemented a data warehousing service to access terabytes of metrics in DynamoDB
- Exposed video streaming quality metrics to provide real-time feedback on the customer experience
- Integrated the service into existing applications used by engineering and customer service teams

## EDUCATION

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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

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- Languages: Java ▪ Python (Django) ▪ JavaScript (AngularJS) ▪ SQL ▪ HTML ▪ CSS (Less) ▪ Bash/Unix
- Software: Amazon Web Services ▪ GitHub ▪ Heroku ▪ Slack ▪ JIRA ▪ MATLAB ▪ Arduino
- Other: Classically trained cellist, violinist and pianist