

Patrick E. Vargas

Skills	Languages and Databases		
	» Groovy, Java, JavaScript, Processing, HTML5/CSS3, PostgreSQL, CouchBase		
	Software, Frameworks, and Utilities		
Experience	» AWS, Jenkins, GitLab, Spock, Memcached, Grails, Node, npm, Angular, React, Chai/ Mocha, SASS, Less, Bootstrap, Illustrator, Photoshop, InDesign		
	Miscellaneous		
	» Agile Software Development, Interpersonal Skills, Graphic Design		
	Associate Software Engineer, BAMTECH Media	New York, NY	Sep 2017 - Present
	#java #spring #jersey #memcached #node #npm #docker #git #aws #janus		
	» Refactored major parts of the application into smaller micro-services.		
	» Facilitated performance testing with QA team to vet the application before launch.		
	Associate Software Engineer, MLB Advanced Media	New York, NY	Nov 2016 - Sep 2017
	#java #spring #jersey #node #npm #docker #git #aws #janus		
	» Fixed issues for clients in a timely manner.		
	» Implemented extended functionality based on client requests.		
	» Instructed new team members on the intricacies of applications.		
	» Learned the best practices of a highly-available, large-scale application.		
Projects	Software Engineer, Pitney Bowes Software	Boulder, CO / Somerset, NJ	Jun 2014 - Nov 2016
	#grails #groovy #java #spock #postgresql #jenkins #git #gitlab #aws #bootstrap		
	» Implemented a status reporting website for stakeholders utilizing the Jenkins API.		
	» Led my team in the transition from SVN to Git, providing tools and documentation to make the switch seamless.		
	» Built and automated a SQL testing framework for our data production pipeline.		
	» Setup a Continuous Integration server, using Jenkins, for our project space.		
	» Volunteered as Documentation Lead and Scrum Master to streamline efficiency of day-to-day team minutia.		
	» Created a per-revision, performance-testing and reporting system for a high-profile project.		
	Riot Stats API	sward.svcs.lolesports.com	Sep 2017 - Present
	#java #spring #jersey #memcached #node #npm #docker #aws #janus		
	» Used Memcached to allow for 800,000 concurrent users, at 1000 messages per second (projected).		
	NHL Stats API	qa-statsapi.web.nhl.com/docs	Nov 2016 - Sep 2017
	#java #spring #jersey #aws #puppet #heira		
	» Highly available application, accessed in a variety of devices.		
	» Provided support to clients using the API.		
	React Photo App	github.com/pevargas/react-photo-app	Sep 2016 - Nov 2016
	#react #javascript #bootstrap		
	» Created a single-page photo application while grasping React framework design and best practices.		
	Playing Cards Module	github.com/pevargas/playing-cards	Jun 2016 - Nov 2016
	#npm #javascript #chai/mocha		
	» Crafted a playing-cards JavaScript module to brush up on modern JavaScript programming best practices.		
	» Learned npm module management to better understand standard JavaScript distribution methodology.		
	» Implemented Chai and Mocha to solidify the viability of the module.		
	Portfolio Website [v5]	www.yesthispatrick.com	Jun 2015 - Nov 2016
	#aws #angular #javascript #bootstrap #sass		
Education	» Implemented a portfolio website with low maintenance and easy modification.		
	» Incorporated well-maintained libraries and packages for quick uptime.		
	» Utilized Angular and AWS S3 for high functionality providing quick processing while cost-effective.		
	Geocoding Data Report		Feb 2015 - Nov 2016
	#aws #grails #groovy #postgresql #jenkins		
	» Presented stakeholders with the most important, up-to-date product production status in an easily consumable website.		
	» Automatically collected and intelligently predicted quarterly production plans for efficient and minimal quarterly planning.		
	» Provided automated, up-to-date, detailed information concerning specific product information for use by customer service representatives and engineers.		
	University of Colorado	Boulder, CO	May 2014
	Bachelor of Science, Computer Science, 3.35 GPA		
	» Atmospheric & Oceanic Science Minor		
	» Technology, Arts, & Media Minor (Graduated with Honors)		
	» Dean's List, Spring 2014 & Spring 2013, College of Engineering & Applied Science		
	» Dean's List, Spring 2011, College of Arts & Sciences		