

Aditya Nalluri

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Education:

University of Florida, Gainesville

Masters, Computer Science

Aug 2017 – May 2019

GPA: 3.55

Birla Institute of Technology and Science, India

Bachelors, Computer Science

Aug 2011 – Jun 2015

GPA: 3.4

Technical skills:

Programming and Scripting - Java (Proficient), Python, JavaScript, PHP, C, C#, C++, Shell

Database Technologies - MySQL, Oracle SQL, Cassandra

Design Patterns - Test driven development, Object oriented programming, RESTful APIs

Relevant Coursework - Data Structures, Database Management, Computer Networks, Math for Intelligent Systems

Frameworks - Spring, Django, Android

Others - Agile, Unix, Redis, AWS, Docker, HTML, Memcached, JSON, Tomcat, GIT, SVN, REST API

Professional Experience:

Full Stack Developer, Prisma P Lab, UF Health

Feb 2018 - Present

- Developed and maintained responsive cross-platform web application using PHP, JavaScript (jQuery), HTML5, CSS and Curl
- Developed and maintained RESTful Web services using Jersey (JAX-RS) in Java on top of Cassandra database
- Improved the existing web pages load times by 50% designing and implementing client-side caching architecture (Memcached) and optimizing Cassandra queries in REST APIs during summer internship
- Implemented secure user authentication using shibboleth and gatorlink
- Developed and maintained kidney risk score analytics using D3
- Experience working with docker for database, test and server-side development environments

Software Developer, Trupik Inc

Aug 2016 - July 2017

- Responsible for developing and maintaining highly scalable RESTful APIs using server side redis cache and web templates in Python, Django and MySQL
- Developed an in-app wallet as a mobile full stack Android developer
- Integrated and maintained an in-app chat support with a third-party Android SDK
- The in-app chat support improved the sales by 30% due to reduced response time from the marketing team
- Responsible for unit testing, maintenance and documentation of APIs
- Worked on an architecture built on Amazon AWS, Django, Celery and RabbitMQ

Software Developer, Barclays

July 2015 - Aug 2016

- Designed, developed and maintained enterprise applications for credit card payments using web technologies like Spring, Java, JSP, JavaScript, jQuery and MVC architecture
- Worked on setting up responsive Barclaycard partner microsites using Bootstrap, Sass, NodeJS, Grunt, JSP, HTML5 and CSS
- Experience with Tomcat web servers, performance tuning, code refactoring and debugging techniques
- Ensured high quality code using clean code development practices and achieved more than 90% code coverage using test cases
- Experience working in a cross-functional team between QA and Dev; worked on testing code with automation tools like selenium
- Worked in continuous integration, build and deployment technologies like GoCD, Jenkins and GIT

Academic Experience:

Bit Torrent:

Oct 2018 - Nov 2018

- Implemented the choking-unchoking mechanism which is one of the most important features of Bit Torrent using socket programming and multithreading in Java

Stock Market Analyzer:

June 2018

- Developed RESTful APIs and web pages of a stock market analyzer using Java, Oracle and Angular JS in database design course

File Manager for Windows

Mar 2013

- Developed an advanced file management software using Visual studio and C#

Data Analyst at Prisma P:

Aug 2018 – Dec 2018

- Worked with patient data to predict the kidney risk complications post-surgery using Pandas, Scikit-Learn and Keras

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Unsupervised Extreme Learning Machines

Aug 2014 – Dec 2014

- Designed and developed a novice clustering algorithm unsupervised extreme learning Machine to improve clustering algorithms using MATLAB as a part of Undergraduate Thesis