HARISH PUVVADA

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EDUCATION

New York University - Tandon School of Engineering, New York, NY   May 2018
Master of Science in Computer Engineering, GPA: 3.68

Amrita University, Bangalore, India   May 2015
Bachelor of Technology in Computer Engineering, GPA: 3.7

SKILLS

Programming Languages : Python, JavaScript (ES5 & ES6), Java, C++
Web Development   **:** Node.js, Express.js, Angular (1.X), React.js, Redux, jQuery, HTML5, CSS3
Database Platforms   **:** MySQL, PL/SQL
Data Analytics   **:** Hadoop, MapReduce, Spark SQL, Spark MLib, Tableau
Operating Systems   **:** Linux (Ubuntu), Mac OS, Windows
Tools and Technologies   **:** AWS (S3, EC2, RDS, Cloud Formation), Docker, ZSH, GIT, SVN, Heroku, Wireshark, Qualtrics

EXPERIENCE

Test Innovators, Seattle, WA   July 2018 – Present
Full Stack Software Engineer
- Added Quiz system to Test Innovators platform allowing teachers to create and assign custom made quizzes to students, generating $100k revenue in first three months.
- Architected and executed significant transition to AWS infrastructure using EC2, S3, RDS, Dynamo DB and Cloud Formation templates.
- Spearheading the migration from AngularJS to React and Redux.

New York University, Brooklyn, NY   September 2016 – May 2018
Graduate Teaching Assistant
- Developed Networking labs on NYU Private cloud, graded exams and held office hours for graduate level Computer Networks course.

New York City Transit, New York, NY   May 2017 – August 2017
Software Engineering Intern

- Engineered a search tool to speed up employee access to the protocol manual for service strategies.
- Decreased processing time to access the data by 90% throughout the department.
- Contributed in writing test scripts for Automatic Announcement System(AAS) which reduced manual effort by 50%

New York University, Brooklyn, NY   September 2016 - April 2017
Graduate Developer

- Developed a Web application using Python, D3.js, jQuery and MySQL for Human Computer Interaction research.
- Created surveys using Qualtrics and JavaScript, analyzed and visualized the survey data using Tableau.

Tata Consultancy Services Ltd, Mumbai, India   June 2015 - July 2016
Full Stack Software Engineer
Project: Enterprise Resource Planning(ERP) - Finance and Accounting for more than 200 clients in India.
- Application development using Core Java, Servlets, JSP, and JavaScript.
- Responsible for requirement gathering from clients and developing design solutions.
- Performed root cause and impact analysis and ensured the production defects were resolved within specified SLAs.
- Optimized MySQL stored procedures to reduce buffer time for On Demand Reports (ODRs).

PROJECTS
To-Do REST API *(Node.js, Express.js, MongoDB, postman, Heroku)*
- Developed a To-Do REST API with test cases which allows different users to add/read/update/delete notes.
- Implemented authentication using JSON Web Tokens, deployed the API on Heroku.

Team Up (*Django, Python and JavaScript*)
- Designed a crowdsourcing platform where users can create accounts, post/comment/like projects and create/pledge projects.
- Implemented functionalities which connect users, populate news feed and propose recommendations.

Text to Speech Web Application (*Amazon Core Services*)
- Developed a web app to convert text into mp3 files on AWS Lambda and AWS S3 which was streamed using Simple Queue Service.

CERTIFICATIONS
- AWS Associate Developer certification, Amazon   April 2018
- Node.js developer certification, Udemy   May 2018

ACHIEVEMENTS
- Google developer challenge scholarship - 2018 recipient.