

Anjani Kumar Tetali

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Computer Science Engineer passionate in software development. Actively looking for full-time opportunities where I can apply my cognitive, automation and software development skills to build the systems of the future.

Education

Master of Science in Computer Science

George Mason University, Fairfax, USA

Aug 2018 – May 2020

GPA: 3.87/4.0

Bachelor of Technology in Computer Science

Jawaharlal Nehru Technological University, Hyderabad, India

Aug 2014 – May 2018

GPA: 3.84/4.0

Skills

Programming: Python, Java, Ruby, PHP, Bash, C++ and MATLAB.

Front End: ReactJS, Angular 4, JavaScript, TypeScript, CSS, HTML.

Back End: Microservices, REST, Node.js, Spring, Hibernate/JPA, MySQL, NoSQL.

Cloud Platform: Amazon Web Services (S3, RDS, EC2), Google Cloud Platform, Docker.

DevOps Tools: JIRA, Confluence, TeamCity, Docker, Kubernetes, Git and Chef.

Build Tools: git and npm.

Experience

Teaching Assistant - George Mason University, Fairfax, USA

Jan 2019 – May 2020

Software Engineering for World Wide Web

- Instructed students on implementing MVC Architecture, MVC-based frameworks such as Apache Struts2, JDBC, JPA, Enterprise Java Beans and RESTful Web services.
- Conducting and grading labs, assignments and holding office hours to guide students with coursework.

Software Intern - Oracle, Reston, USA

May 2019 – Aug 2019

GitLab Migration and Automation

- Created consistent build, packaging and deployment processes for automated deployments on cloud servers using Ruby and Bash scripts.
- Utilised Web APIs to synchronise user and permission data to ensure minimal impact and downtime for users.
- Used Scrum Agile Methodology in the work. (Daily Scrum Meeting, Sprint Backlog).

Web Developer - Krasnow Institute, Fairfax, USA

Aug 2018 – Dec 2018

- Enhanced and maintained a Neuroinformatics web-based resource (hippocampome.org) by cooperating with researchers to match visual design intent.
- Written well designed, testable, efficient code by utilising the knowledge of various web technologies like HTML, CSS, jQuery, JavaScript, JAVA, PHP, Python, MySQL, REST and Apache.

Software Intern - Oracle, Hyderabad, India

May 2017 – Aug 2017

GitLab Migration and Automation

- Automated migration of GitLab projects from Oracle cloud environments to AWS cloud environments.
- Developed benchmarking metrics for time taken to migrate repository of different sizes using tools like BFG Repo-Cleaner and git-filter-branch.

Software Intern - Orvito, Hyderabad, India

May 2016 – Aug 2016

Water Management System.

- Developed usage-based water billing software that automates billing without human intervention by creating Web APIs using PHP (Slim and Idiorm Framework) and designing the schema for MySQL (ORM) database.

Projects

Student Survey Form: Containerized a student survey application on Docker, deployed it on Kubernetes and implemented CI/CD pipeline using build chains on Jenkins and deployed it as a Server-less application using Amazon S3 and Lambda.

Full Stack Website Development: Created a student portal application using HTML, CSS, Java Script, jQuery, AJAX, Servlets, JSPs, JavaBeans, MySQL with MVC architecture implementation.

Mapping Malware: Identified currently compromised hosts infected by a current malware campaign through the development of set of classifiers using historical scan data.

Smart Playlist Generation: Designed software which recommended songs based on the user's playlist using the emotions in the lyrics (Content based Recommender System).

Achievements

- Recipient of Outstanding Academic Achievement Award by Department of Computer Science, Volgenau School of Engineering, George Mason University.
- Received Scholarship at George Mason University and Jawaharlal Nehru Technological University for academic excellence from Jan 2019 – May 2020 and Aug 2014 – May 2018 respectively.