

PRANAV TAMBVEKAR

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EDUCATION

University of North Carolina at Charlotte, Charlotte NC May 2019
Master of Science, Computer Science GPA - 4.0/4.0
Coursework: Algorithms & Data structures, Big Data for Competitive Advantage, Machine Learning, Software Engineering, Natural Language Processing, Visual Analytics, Principles of Information Security

University of Pune, Pune, India May 2014
Bachelor of Engineering, Computer Graduated with First Class
Coursework: Object Oriented Programming, Algorithms, Database Management Systems, Software Engineering, Operating Systems, Computer Networks

TECHNICAL SKILLS

Languages: Java, C, Python, JavaScript, jQuery, HTML5, CSS, SQL,
Technologies: AngularJS, Angular 2, Spring, Spring boot, REST, Jersey, Bootstrap, JSP, Servlets, JUnit, MySQL, Oracle 10g, AWS
Tools: Maven, Git, Tableau, d3.js, SAS, Apache, Linux

WORK EXPERIENCE

Application Developer Intern **LabCorp**, NC, USA May 2018 – Aug 2018

- Implemented solutions as a Full Stack Developer Angular and Java for the business-critical billing system application
- Migrated a monolithic application service to Spring Boot microservice. Incorporated Swagger, Sleuth, Netflix-Hystrix
- Developed UI and backend features. Implemented Junit test cases, Pact Consumer Driven Contract tests
- Practiced agile methodology to implement requirements. Collaborated with senior developers to build solutions

Programmer Analyst (Banking and Finance) **Cognizant Technology Solutions**, India Aug 2014 – June 2017

- Developed, exposed and consumed RESTful Web Services. Reengineered existing Trade Manager application with new features and technologies like Spring, AngularJS
- Implemented feature enhancements, re-styled two critical client facing portlets having high user visibility
- Responsible for debugging and fixing UI and backend bugs in existing applications.
- Earned 1st rating (highest ranking) in the organization's annual appraisal system

PROJECTS

- Kiva Loans- Exploratory Data Analysis using Tableau** Feb 2018
 - Explored the data to identify underlying characteristics from more than half million records using Tableau visualizations
 - Designed and developed intuitive and interactive Tableau Dashboards with animation to provide insights into the data
- Own Machine Learning Library** Dec 2017
Implemented own functions for machine learning algorithms like PCA, K-means, Hierarchical Clustering, Simple Linear Regression, Logistic Regression, Linear Discriminant Analysis, Neural Networks in python
- Workers' compensation claims data study** Dec 2017
 - Wrangled a dataset containing over 15000 observations using R, SAS Enterprise Guide
 - Provided meaningful insights inside the data to save cost and time using Tableau dashboards and stories.
 - Predicted critical claims using logistic regression in SAS with 83% accuracy
- Niner - Events:** Nov 2017
A web application to Browse, Register, Create Events, Provide Feedback etc. for the events hosted in the University
 - Implemented and exposed Jersey Rest Services. Implemented user interface with HTML 5, Bootstrap 4, jQuery
 - Managed the repository
- Transaction Manager:** Client Project at Cognizant Technology Solutions Apr 2016 - Jun 2017
A Client Facing Application to manage investments related transactions of the customer
 - Implemented a module to upload a file for submission of multiple trades at a time
 - Developed trades-status screen using Slick-Grid with wrapper of AngularJS components
 - Designed, developed, and exposed a REST API for handling the business logic using Jersey, Spring MVC

CAMPUS AND COMMUNITY INVOLVEMENT

Backstage and Set design Head **Aarohan**, cultural and theatre group, India 2012-2014
Won "Best Set Design" award for a skit, at a state level theatre competition

VOLUNTEER EXPERIENCE

Volunteered as a teaching instructor for underprivileged children under Cognizant's Outreach Program, India