

AKANKSHA AVHAD

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SUMMARY

Developer with innovative mindset and history of productive successful projects. Versatile and adaptive with 4+ professional experience in IT industry with expertise in Web Applications, Database, and App Development.

EDUCATION

Master's degree in Information Technology, University of North Carolina at Charlotte (GPA: 3.9) May 2017
Bachelor's degree in Computer Science, University of Mumbai (GPA: 3.68) May 2013

COMPUTER SKILLS

Languages: Java, SQL, C++
Databases: Sybase, MySQL, Oracle 11g, db2, MongoDB
Web Technologies: Typescript, HTML5, JavaScript, XML, Bootstrap, JQuery, CSS, Servlet, JSP, AJAX
Frameworks: Angular, Spring, AngularJS, NodeJS, Ionic, JUnit, **Restful Web Services**, BIB, Apache Cordova.
Tools: Microsoft Azure, Jenkins, SonarQube, HPQC, Maven, Putty, **GitHub**, AppScan, SVN, Service Now, SAS, Eclipse, NetBeans, OpenShift, Grafana, Splunk.

AWARDS & CERTIFICATIONS

- Oracle Certified Professional Java SE 6 Programmer.
- "On the Spot Award for Excellence" for developing a mobile app which helped TCS in winning ABN Amro Hackathon 2015.

PROFESSIONAL EXPERIENCE

BlackRock - Associate (July 2017 -Present)

- Developing and designing the configuration platform Deco for collateral management process using technologies: **Angular** and **Spring**.
- Implemented feature for Straight-Through processing workflow for CFD cash flow payments.
- Responsible for designing and developing an application for CFD trading with minimizing configuration efforts.
- Formulated a tool that provides consolidated display, workflow management for portfolio configuration.
- Accelerated cash reconciliation process by designing rule engine and providing enhanced reporting with the help of **Angular** and **Spring**. Ultimately, reducing manual efforts **by 40%**.
- Investigated production critical issues related to database read/write performance. Mitigated the issue by adding cache.
- Assisted Collateral Management team and Cash Reconciliation team for **Aladdin**.
- Mentoring juniors and new team members to get expertise in application knowledge and technology stack.
- Directed team at **Hackathon** 2019 and 2020 with BlackRock.
- Improve quality of code base using proper technical practices, automated testing, and code quality reviews.
- Interacting with business and get the functional clarifications to discuss and future implementations.

University of North Carolina, Charlotte - Graduate Teaching Assistant (August 2016 -May 2017)

- Mentored undergraduate students for 'Software Engineering' course and helped build projects using **Ruby on Rails**.
- Assisted the professor in helping students with programming assignments, conducting classroom sessions, grading, analyzing class performance.
- Holding office hours with students to review materials, answer questions, and provide some assistance on assignments.

ABN AMRO-TCS - Software Developer (Jan 2014- Dec 2015)

- Designed and developed a web portal for the testing team to show performance, availability of different environments.
- Implemented **AngularJS** framework for GUI and integrated with **JQuery** and **Bootstrap** for advanced features.
- Created **API** using **REST** architecture with **JAXRS** and **iBatis** framework to automate the mapping between **SQL** and **JAVA**.
- Worked in **Agile** methodology and reduced the time and efforts for the testing team by 30%.
- Strengthened secure code quality using SonarQube and AppScan

Tata Consultancy Services - Software Developer Trainee (Sept 2013 - Dec 2013)

- Designed a web-based solution for Auto Insurance for both registered users and employees
- Generated quote and implemented functionalities using Hibernate, SQL, Servlets, Java, and JSP, Oracle 10g.

ACADEMIC PROJECTS

Web-Based Application for Restaurant- May 2016 -June 2016

- Developed a web application for a restaurant to order food online and assist manager to allocate resources
- JSP pages were created for User Interface and Bootstrap framework was used for responsiveness.
- Servlets** acted as a middle layer between the database(MySQL) and **JSP**. Also, implemented special features like email service, carousel, dynamic table addition.

QR based pizza ordering system - Jan 2016 -May 2016 - <http://webpages.uncc.edu/aavhad>

- Developed a hybrid mobile application for ordering pizza based on QR code where the user does contactless payment.
- Implemented the application with the help of **Ionic** framework, **NodeJS**, and **AngularJS** for UI designing.
- Used **Apache Cordova** for bar code scanner view and **JavaScript** for generation of QR code.