

Akshay Arun Bankar

abankar571@gmail.com | [linkedin.com/in/akshaybankar](https://www.linkedin.com/in/akshaybankar) | github.com/abankar1
Portfolio: bankarakshay.github.io | Phone: +1 980 833 9512

WORK EXPERIENCE

Senior Software Engineer at The Home Depot (KForce Inc.)

Oct 2021 – Present

- Working for Carrier Communications Team to monitor the ‘Last Mile’ delivery of products to customers.
- Developing, upgrading, and maintaining applications to enhance delivery routing experience using Spring Boot, Oracle SQL, XML, JSON, and REST APIs
- Developed dashboards to analyze the status of customer order processing in real-time using New-Relic, Looker and BigQuery
- Onboarding new vendors to expand the delivery network of the organization and upgrading security using OAuth2
- Provisioning and maintaining CICD pipelines using Jenkins, Git and Maven for deployment of applications and execution of integration tests
- Working in Agile – Scrum Pair Programming Atmosphere using TDD from the Agile Manifesto and Extreme Programming.

Software Engineer at Equitable Life Insurance Company (TCS)

Sept 2019 – Oct 2021

- Worked for engineering of Life Insurance software products under AXA IT Application Outsourcing (Financial Protection).
- Successfully migrated on of the key Enhanced Service Portal from IBM WebSphere based portlet technology to Spring Boot, Angular and deployed the application on Azure Kubernetes Service saving the company around 800K licensing cost.
- Refactored a calculation engine called Blackbox using Spring Boot which would help business in reducing 70% manual efforts in performing calculations of insurance premiums based the various options client opts for.
- Performed development of web applications viz., Benefit Payment Program, designed for business users dealing with insurance clients using Web Technologies viz., Angular 6, Spring Boot and J2EE.
- Created data models for designing backend schema of SQL based database supporting the applications used by clients.
- Regularly engaged with clients to better understand their requirements, support enhancements to application and delivery of products
- Tracked and maintained VSTS scrum board supporting a cross functional team which work based on Agile Methodology of SDLC.

Software Engineer Intern at Informative Technologies

July 2019 – Sept 2019

- Worked for “ReviveNC Student Support” – A Charlotte Green Initiative Project. Analyzing the requirements to understand business needs. Proposed efficient solutions to address the needs effectively and timely.
- Developed User Interface to visualize e-waste at UNCC, targeted to increase re-use of waste equipment to 80%.
- Implemented web scraping to develop datasets from unstructured online sources which intended to help refurbishment team for reduction in search effort by 50%.
- Tools and Technologies: Nodejs, HTML5, CSS3, JavaScript, Bootstrap, Ajax, JSON, MySQL

Software Developer Intern at BiCS Infotech

June 2016 – May 2017

- Designed and developed high throughput web application using MEAN Stack (MongoDB, Express, AngularJS, NodeJS)
- Responsible to developing an Android Application for Software Engineering Associates Club using Android Studio synced with a server developed in JAVA, with a web application developed using JSP & Servlet.
- Performed Image Processing using OCR framework and unscrambled 500+ car title pictures to backtrack it to the owner.

EDUCATION

- **University of North Carolina at Charlotte, NC**
Master of Science in Computer Science
- **University of Pune, India**
Bachelor of Computer Engineering

January 2018 – May 2019
GPA: 3.80
July 2013 – May 2017
GPA: 3.75

TECHNICAL SKILLS

- **Web Technologies:** Angular, Spring Boot, NodeJS, Express, JWT, JSTL, RESTful APIs, HTTP, HTTPS, NPM, AJAX, HTML5, CSS3, Responsive Web Designing (Bootstrap)
- **Programming Languages:** Java, JavaScript, TypeScript, C, C++
- **Paradigms:** Functional, ES6, ES5, OOP, MapReduce
- **Technologies:** Android, Firebase, SQLite, GSON, Picasso, OkHttp
- **Databases:** MySQL, MongoDB, MS SQL, Oracle, Firebase
- **Tools/IDEs:** Visual Studio Code, Eclipse, Android Studio, MySQL Workbench, NetBeans, SQL Server

PROJECTS

Car Service Booking (<https://github.com/abankar1/Car-Service-Booking>)

Angular 4, NodeJS, JavaScript, HTML5, CSS3

Designed and developed a full stack web application enabling any user to find all the car service centers in the vicinity. Helped the user explore affordable and cost-efficient services across all the service centers reducing efforts by 70%.

MyQuizApp (<https://github.com/abankar1/MyQuizApp>)

Angular 6, Java, Oracle SQL

Created a fully interactive quiz app from scratch for in users could choose a topic of their own and get themselves assessed on their knowledge about the topic. Users can review their answers before submitting the questions & navigate to unanswered ones.

Borrower Lender Behavior (<https://github.com/abankar1/Borrower-Lender-Behaviour>)

D3JS, JavaScript, HTML5, CSS3

Designed and programmed a visualization dashboard for LendingTree, America’s largest online lending marketplace. Crafted a logical solution to increase revenue of the company. Created interactions between different visualization to analyze borrower and lender behavior.