Akshay Arun Bankar

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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.
- Serving as the point of contact for operations to a vendor providing 70-75% of The Home Depot's appliance business
- Responsible for retirement of legacy application and development of multiple using RESTful API using Spring Boot, XML, JSON, MAVEN & Tomcat to streamline the vendor requests.
- Working in Agile – Scrum Pair Programming Atmosphere using TDD from the Agile Manifesto and Extreme Programming.

Software Engineer at AXA Equitable Life Insurance Company (TCS)   **Sept 2019 – Oct 2021**

- Working 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, Sprint 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
- Tracking and maintaining VSTS scrum board supporting a cross functional team which work based on Agile Methodology of Software Development.

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 at BiCS Infotech   **June 2016 – May 2017**

- Designed and developed high throughput web application using MEAN Stack (MongoDB, Express, AngularJS, NodeJS)
- Proficient in data structures, problem-solving, and debugging and known for writing efficient, maintainable, and reusable code.
- 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**   **January 2018 – May 2019**
  Master of Science in Computer Science   **GPA: 3.80**
- **University of Pune, India**   **July 2013 – May 2017**
  Bachelor of Computer Engineering   **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, NodeJS, MongoDB**
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.

TruxxIt   (https://github.com/abankar1/TruxxIt)   **Java, Spring MVC, Hibernate, AJAX, MySQL**
Created a single page web application to manage vehicle bookings of users. Made use of Google API to find distance between two places, estimating the price. A two-fold login enabling user to book trucks and admin to monitor their usage.

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.