

Divyashree Bangalore Subbaraya

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Technical Skills

Programming Languages	Python, Java, SQL
Databases	MongoDB, MySQL, NEO4j, Oracle, Data Dictionary Editor
Web Development Stack	HTML5, CSS, JavaScript, TypeScript, React.js, Node.js, Express.js, React-Redux
Frameworks	Material UI, Spring, Junit, Mockito
Cloud Computing	Amazon Web Services, Heroku, Google Cloud Platform, Microsoft Azure
Version Control Tools	Git, GitLab, GitHub, Scrum, Agile, JIRA, TFS, version1
Programming IDEs	IntelliJ, Eclipse, PyCharm, Visual Studio Code, MySQL Workbench

Education

Master of Applied Computer Science, MACS *January 2021 – April 2022*
Dalhousie University - Halifax, Nova Scotia, Canada

Bachelor's in Computer Science and Engineering, B.E. *August 2014 – May 2018*
BNM Institute of Technology - Bangalore, India

Work Experience

Full Stack Developer *May 2022 – Current*

Royal Bank of Canada - Toronto, Ontario, Canada

- Developed and maintained a range of Components directly related to our **ETL** processes with the clients using **Spring Boot with Microservices**.
- Independently worked on the feature of broadcasting the Pre-Trade EVE Results to the third-party **Data Lake** integrated platform using **Solace Publisher** in reduced time.
- Designed and developed a unified rules engine for Fortress regulatory checks using **Java SpringBoot** services.
- Translated designs and wireframes into high-quality, responsive and wrote application interface code via **Typescript** following **React.js-Redux workflows**.
- Implemented the user interface for the strategic trading platform, **FORTRESS**, to perform the cumulative calculations for regulatory pre-trade checks using **Redux** along with Open Finn **Aura Grid framework**.
- Experienced in all phases of software development life cycle, including requirements gathering, design, development, testing, and deployment, drafting timeline and estimations using **Gantt Charts**.
- Collaborating with **cross-functional teams** to ensure project success, including working with front office stakeholders, business analysts, project managers, quality assurance testers, and other peer developers.
- Identifying and proactively addressing **potential issues with sprint deadlines**, including identifying and solving bugs before they become problems.
- Engaged actively in solutions involving TDD paradigm coupled with aspects of **Continuous Integration** using **Junit** for each microservice and achieve a total coverage of 100%.
- Worked in **Agile** Methodologies for incremental development to deliver better application.
- **Document code** and technical designs for future reference and knowledge sharing.
- Carry out **regular code reviews** in a systematic fashion in GitHub, and enforce best coding practices, source control, and deliverables.
- Created and documented a dedicated **confluence page** for new joiners which covers all the necessary information including project setup, installations, and addition of multiple recordings pertaining to knowledge transfer sessions, increasing the performance of new joiners by 95%.

Technologies used: Java SpringBoot, React, Redux, Material UI, Rx.js, Typescript, Data Dictionary

Lead Teaching Assistant & Marker *May 2021 – January 2022*

Dalhousie University – Halifax, Nova Scotia, Canada

Course: CSCI 5408 – Database Management, Warehousing, and Analytics

- Prepared and conducted laboratory tutorials, assisted in the grading of course assignments
- Provided effective and constructive feedback on written assignments.

Application Development Analyst

August 2018 – August 2020

Accenture Digital Private Limited - Bangalore, India

- Worked with Southern Glazers, Wine, and Spirits USA clients to develop a website for wine and spirits listings using SAP Hybris 1905 framework.
- Independently designed the new deals feature as well as Google Ad-Monetization using CMS components to the SgProof application using Java Spring in the span of 3 sprints.
- Wrote unit and integration test cases using Java, which covers all possible test scenarios and attained an overall test coverage of 98%.
- Conducted knowledge transfer sessions that included technical conversations about the project, iteration planning, sprint demos, sprint retrospectives, and the proposal of new ideas for strengthening the team's productivity, achieving an overall 80% reduction in preparation time for implementation.
- Completed SAFE Agile Certification by Scaled Agile community, and successfully cleared the examination by achieving 85%.

Technologies used: Java (Spring MVC), MySQL, SAP Hybris 6.7 & 1905.

Academic Projects

Project: Online Distribution Logistics System

Course: Advanced Topics in Software Development

Winter 2021

- Implemented a distribution logistics system to assist the customer in sending any package(s) from source to destination.
- Developed tracking operations from dispatch to delivery of items, and created a choice of transport route to distribute the products to the customer.
- Designed an algorithm to generate order and package management systems using Agile Development Technologies, design patterns, S.O.L.I.D. development principles and followed Test-Driven Development.

Technologies used: Java (Maven), Git Lab, Git Flow, CI/CD, Jira, Timber lea, SQL.

Project: Dalffins: An Online Tiffin Delivery System

Course: Advanced topics in Web Development

Summer 2021

- Developed an online tiffin's service web-based application for students and working professionals.
- Designed the user profile management system feature, including user registration, user login tasks along with user authentication and user authorization using sessions and JSON Web Tokens..
- Utilized Mongoose framework for No-SQL database management to handle unstructured data.

Technologies used: MongoDB, Express.js, React.js, Node.js, Material UI, Heroku, GitHub, Git Flow.

Project: Nova Scotia Kannada Association

Winter 2023

- Developed a comprehensive project plan outlining the technical requirements and timelines for the project.
- Collaborated with the designers to create a user-friendly interface that incorporated the association's branding and enhanced user engagement.
- Utilized React.js and Tailwind CSS to develop various features such as event registration, payment processing, and member directory, and the application was successfully launched and received positive feedback from the community president and the other board members for its quality and usability.
- Provided technical support and training to association members to maximize the application's usage and adoption.
- The application helped streamline the association's processes and save time and resources, resulting in a 20% reduction in administrative costs.
- The user engagement with the association's resources increased significantly, with a 40% increase in event registration and a 25% increase in membership renewals.

Technologies used: React.js, JavaScript, HTML, Tailwind CSS, AWS, GitHub

Achievements

- Awarded with eight distinction awards respectively for eight semesters in Under graduation.
- Topper award in second, fourth and seventh semester of Under graduation.
- Accenture Celebrates Excellence (ACE) individual award in Client & Customer category.