

Mark Jeremy

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Summary:

- 7 years of experience as a full stack software developer; worked on enterprise applications.
- Experienced in delivering complicated software functional modules to improve the product and user experience.
- Ability to work in a collaborative environment and to exercise management and leadership skills to achieve the team's objectives and goals and have good interaction with clients.

Skills:

Java	JavaScript ES6	Spring Boot
C/C++	jQuery	Swagger
Python	Node JS	Regular Expression
R	Angular JS	MongoDB
JSP	React JS	Selenium
HTML5	Polymer JS	Git
CSS3	Shiny	MSSQL
Hadoop	Pig Latin	SAS
Spark		

Organisations:

John Deere – Lead Software Engineer

(May 2020 to July 2021)

Description:

A group of applications used for marketing programs including ordering parts, tracking and reporting, providing rich features for clients worldwide, a detailed and comprehensive view of their purchase history with various filters and statistical reports.

Responsibilities:

- Maintain a total of 11 software applications, with each one serving a different aspect of product sales information to various types of dealers.
- Interact with dealers and stakeholders to understand requirements and resolving them.
- Build end-to-end solutions for new change requests and technical issues.
- Guide and train team members through seminars and workshops on new technologies, methodologies and practices.
- Maintain all tasks in Rally, Confluence and other Agile support tools.
- Support monthly release cycles to ensure smooth delivery.

Description:

A fully featured Internet Banking application which provides its customer the ability to manage their funds, open new accounts, make payments, bills, cards, beneficiaries and various standard online banking features along with customer support. Worked on multiple features including implementing New Payments Platform for integrating real time payments, subscription for online statements, SMS/email notifications, customer feedbacks, reports generation, promotional interstitials, offline payments processing, ETL jobs for processing customer requests, rebuilding UI with React from scratch, etc...

Responsibilities:

- Created web APIs using Java and Node JS APIs.
- Collaborate with team and actively participate in Agile ceremonies.
- Build frontend and backend solutions for technical issues.
- Mentoring junior developers.

Additional Responsibilities:

- Interact with clients and business, to analyse and review business requirements, software requirements and non-functional requirements.
- Analyse feasibility of solution implementation and estimate effort for solution implementation.
- Analyse and understand all the various requirements and develop code in Java, J2EE and JavaScript based technologies to meet those requirements.
- Perform Unit Test by Manual and Automation Testing and JUnits and prepare Integrated Test Plans covering all test scenarios.
- Prepare Impact Assessment document which will describe all the software code added/modified and the impact it would have on the application.
- Provide development support and fix issues in various phases of testing like System Testing, System Integration Testing, Performance and Volume Testing, Security and Penetration Testing, User Acceptance Testing and Accessibility Testing.
- Implement Business analytics and reporting requirements.
- Maintain a good domain and code knowledge of all applications and infrastructure.
- Handle incidents and tickets raised by clients and stakeholders and provide quick support or resolution.
- Prepare Release Notes, Service support/handover documents prior to the release implementation.
- Following Agile work practices including daily stand-up, sprint planning, story walk-through and estimation, Sprint retrospective, etc.

Professional experience:

- Created web services (RESTful and SOAP) using Java and Node JS APIs.
- Implemented Java keystore, JWT, JWKS and related features for web service authentication and authorisation.
- Developed custom back-end frameworks using Java to enhance the product features.
- Developed several front-end pages including modals, interstitials, popovers, tooltips, etc. with dynamic content including transitions, animations, etc.. using JSP, JavaScript, Bootstrap, HTML and CSS.
- Experienced in front-end JavaScript frameworks such as React JS, Polymer JS and Angular JS.
- Experienced in Redux for React like to use two-way data binding, and redux-saga, redux-thunk for handling asynchronous events or intensive processes, etc...
- Experiences in using ReactJS components, forms, events, router, animations, etc..
- Experienced in Axios library for ReactJS to manage the XHR requests to other hosts system to fetch data.
- Familiar with JS libraries for ReactJS such as moment, formik, yup, jspdf, etc..
- Experienced in Java application frameworks like Spring MVC, Data, Data JPA and Boot.
- Migrated repositories from SVN to Git with preserved history.
- Built new test automation tool using Selenium.
- Debug Mainframe batch jobs and resolve issues in ETL process.
- Build solution using Apache Spark for high throughput data processing from multiple data sources.
- Create and maintain Jenkins automated build pipelines.
- Written Java Test classes using JUnit, EasyMock and PowerMockito frameworks and Automation test scripts on Node JS using WebdriverIO-Mocha, Chai frameworks.
- Experience in SQL features like CRUD operations, stored procedures, reports, sequences, etc.. and connectivity to the application through JDBC API and Hibernate.
- Created ETL jobs to perform tasks like reports and database operations.
- Worked on Java batches for processing various types of payments and other offline banking features.
- Converting images to BLOB and storing it in database for content management system.
- Experience in using Swagger utility to build and test web APIs.
- Experience in version control tools like Bitbucket, GitHub and Rational ClearCase.
- Experience in Agile SDLC, Build and Test tools for Continuous Integration/Continuous Development like Jira, Confluence, Bamboo, SonarQube, etc..

Education and Qualifications:

Master of Data Science - University of South Australia, Adelaide (2021 - Present)

Bachelor of Technology – Electronics and Communication - Karunya University, India (2010 - 2014)