Raja Kumar

Software Engineer

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Summary

Having 7+ years of strong experience as Full Stack web developer with solid understanding of front - end technologies, MVC frameworks, Restful web services and Data Base designing.

Strong Knowledge in MERN stack with vast experience in building Web Applications using Reactjs for Client side, Nodejs with Express/Eggjs for server side and MongoDB/SQL/DynamoDB for database.

Expertise in using React/Redux to build user interface, strong knowledge of state store middleware, action creator, reducer, and container

Hands on experience in AWS Amplify, EC2, EMR technologies and CI/CD pipelines.

Relevant Experience

Senior Software Engineer @ Cognizant
September 2019 – Present // Toronto, Ontario, Canada

- Designed and developed 6+ front-end and back-end applications utilizing React.j, Node.js, and TypeScript
- Developed 10+ new application features and distributed services that support high-scale applications
- Helped evolve front-end and back-end stack
- Worked with Agile team across 4+ application domains
- Participated in 100+ weekly code reviews to ensure code quality and system efficiency
- Remained up to date with industry-standard technologies and mentored a team of 15+ junior developers
- Wrote structured, tested, readable, and maintainable code
- Helped maintain code quality, organization, and automatization for 6+ applications
- Assisted in developing and implementing systems architecture designs, patterns, and approaches
- Developed a Node + Passport.js app to facilitate Instagram and Snapchat authentication with custom firebase token login .
- Developed a web application that integrates with LiveBoard, a 3rd party white-board app, to facilitate live lessons between students and tutors. The app is built with React, Redux, Firebase cloud functions and Firestore.
- Developed a web portal with React, TypeScript and Apollo GraphQL. The portal supports LearnLight users to view their profile information, keep track of their learning resources and activities.
- Developed a json driven form-engine with React and Formik. The form-engine reduced the coding effort of creating 30+ forms individually.
- Involved in Core Java coding by using Java APIs such as Collections, Multithreading, Exception Handling, Generics, Enumeration, and Java I/O to fulfill the implementation of business logic
- Configured the xml files for Open Source Spring Framework to fulfill the Proxy Pattern
- Created AWS Launch configurations based on customized AMI and use this launch configuration to configure auto scaling groups and Implemented AWS solutions using EC2, S3, RDS, DynamoDB, Route53, EBS, Elastic Load Balancer

Software Engineer @ Capgemini
August 2015 – September 2019 // India

- Developed Open stack API to Integrate with Amazon EC2 cloud based architecture in AWS, including creating machine Images and worked on AWS, High Availability Practices and deploying backup/restore infrastructure
- Done Front-end UI development with Node.js, JavaScript MVC frameworks, Backbone.js, jQuery, Knockout.js, HTML5, CSS3 OO JavaScript, and LESS/SASS
- Designed and implemented application using JSP, Spring MVC, JDBC, SQL, Maven, JMS, Oracle, WebLogic, Tomcat
- Designed, configured, and managed public/private cloud infrastructures using Amazon Web Services (AWS), which includes VPC, EC2, S3, Cloud Front, ELB and Elastic Beanstalk

- Built production web applications using Agile methodologies and modern technologies like React/Redux, Node.js/Express, ES6, and SQL/NoSQL ORM's
- Worked in a team to design the schema for the backend and created a database using Node and Mongo
- Did server-side scripting using Node.JS to develop the applications, which are data intensive real time applications that run on distributed devices • Used Hibernate ORM tool in data access layer to map the object view of data into database and to provide access and update information in the database • Eclipse is used as an IDE tool to write and debug the application code, SQL developer is used to test and run the SQL statements • Execution and internationalization • Done the design, development and testing phases of Software
- Analyzed and designed program changes. Reviewed and updated requirements documentation, wrote design documents (PRD, FRD, UIRD, TRD, SRS, and SDD).
- Applied relevant technical skills to deliver specifications, program changes, unit test scripts, and documentation.
- Experience in SDLC (Software Development Life Cycle) that includes Requirements Analysis, Design, Coding, Testing, Implementation, Maintenance with methodologies like Waterfall Model and Agile Methodology.
- Experience in design and development of web-based applications using Java, JDBC, SQL, Servlets, JSTL, JSP, XML, Java-API and Spring.
- Expertise on Core Java Technologies like Multithreading, Collections and Exception handling mechanisms.
- Experience in client side Technologies such as HTML/HTML5, CSS/CSS3, JavaScript and Jquery, AJAX, JSON.

Skills

Programming Languages

JavaScript, Java, Python, HTML, CSS, PHP

Frameworks and Libraries

React, Redux-toolkit, React-native Nodejs, Express,

Styled Components, Material UI, Bootstrap 4, Tailwind CSS

Database

MongoDB, MySQL, DynamoDB, PostgreSQL

Cloud

Firebase, AWS (EMR, EC2) ,Azure

Tools and Platforms

Git, GitHub, Gulp, PowerBI, Excel