Neeraj Sharma

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SUMMARY

Experienced software developer with 2 years of experience in developing and maintaining software systems. Strong skills in Java, DSA, Python and frameworks such as Spring, Django, and React. Proficient in Agile development methodologies and experience in cloud computing platforms such as AWS. Seeking to take on a Junior SDE role in a dynamic and fast-paced environment.

TECHNICAL SKILLS

Programing Languages: Java, Data Structures and Algorithms, C/C++, JavaScript, TypeScript, jQuery, JSON, Bootstrap
Technologies: React, REST API, Spring, Hibernate, JPA, Jersey & Jackson, Linux/Unix, SQL, Git/Version Control
Cloud Technologies: AWS, Heroku , Vercel

WORK EXPERIENCE

Larsen &Toubro (L&T) Technology Services | Software Development Engineer   Apr 2018 – Dec 2019
- Developed Online Pickup-In applications and Home Delivery Platform using J2EE Tech with cross-functional team.
- Designed and developed user interfaces using various technologies including JSP, JavaScript, jQuery, Angular JS, HTML, and CSS.
- Developed business layer modules utilizing core Java concepts including Collections Framework, Strings, String buffer, and OOP.
- Deployed server-side modules with Spring Framework and design patterns such as MVC, Factory and Singleton.
- Used MAVEN for building the application and deployed on multiple local servers, with Jenkins used for production deployment.
- Conducted front-end and back-end unit testing and post-deployment integration testing on Apache tomcat Server.

PROJECTS

iNotebook | Team Size : 1   Link: **iNotebook**   Feb 2023 – Present
- Developed cloud-based note-taking application, iNotebook, using MERN stack, with focus on reliability and scalability.
- Implemented backend and React frontend from scratch, creating database schema and implementing data validation for app.
- Created login endpoint with JWT authentication and middleware for user decoding.
- Implemented CRUD operations, including fetching, adding, updating, and deleting notes, with validation and error handling.
- Configured iNotebook React project with navbar, routes, and introduced React Context API and useContext/useLocation hooks.
- Added functionality for fetching user-specific notes and introduced Redux for state management.
- Implemented AddNote component and functionality for deleting and fetching notes, along with modal for editing notes.
- Used React to update notes on edit, add frontend validation, and implemented Login and SignUp components with alerts.

NewsFox | Team Size : 1   Link : **NewsFox**   Feb 2023 – March 2023
- Developed NewsFox app with React and class-based components, implementing best practices for engaging user experience.
- Organized component structure and utilized React's state management system to display NewsItems effectively from News API.
- Enhanced user experience with navigation buttons, loading spinner, and variable pageSize for responsive app.
- Improved flexibility by adding Categories & propTypes, enabling users to easily browse and filter through news categories.
- Categorized and added time, author, and news source to News React App, resulting in richer content and engagement.
- Refactored News component for increased efficiency, improving app performance and maintaining high code quality.
- Utilized React Component Lifecycle to add Infinite Scroll, enabling seamless navigation through large volumes of news.
- Improved functionality and user experience by implementing loading bar, securing API key with custom environment variables, and converting Class-based components to Functional-based components with React Hooks.

TextUtils | Team Size : 1   Link : **TextUtils**   Feb 2023 – March 2023
- Designed and developed a text editor website using React that allows users to perform content sanitization tasks.
- Developed the TextUtil functionality using JavaScript programming language with React as the framework.
- Implemented functionalities like Text-Case-Change, Text-Copy (In-memory), Text-Sanitization by removing and replacing text.
- Used React libraries: react-router-dom, react-bootstrap, and react-icons to improve website functionality and design.
- Conducted extensive testing and debugging to ensure the website's functionality and performance.
- Deployed the website on a hosting platform such as Vercel for users to access online.
- Continuously maintained and updated the website to ensure its smooth functioning and to add additional features.

MovieFlix | Team Size: 1   Link : **MovieFlix**   July 2022 – Sep 2022
- Developed full-stack project architecture using AngularJS, NodeJS, Spring, and Hibernate. Integrated IMDB API for data retrieval.
- Developed modular RESTful architecture hosted on Apache Tomcat 8 and NodeJS servers on Ubuntu 22.04.
- Replicated project in Java and MEAN Stack, using MongoDB and npm.
- Built backend with Java, MySQL, Spring, Hibernate, and JPA, managed with Maven.
- Implemented User Login and Movie Catalog, enabling users to create, update, browse, sort, filter, and search movies by category, cast, director, rating, type, and IMDB ratings.

EDUCATION

York University - Schulich School of Business   Toronto, ON
  Master of Management   August, 2022
Center for Development of Advanced Computing   Pune, India
  Post Graduate Diploma in Advance Computing   February, 2018
KIIT University   Orissa, India
  Bachelor of Technology – Civil Engineering   June, 2017