SHISHIR SINGH
PROGRAMMER

PHONE: +91-790-548-5167
WEBSITE: https://www.shishirsingh.com
EMAIL: shi2rsingh@gmail.com

LINKED IN: https://www.linkedin.com/in/shi2rsingh/
GITHUB: https://github.com/shi2rsingh

SUMMARY

- 6+ years of experience in developing Web and Enterprise applications as Full Stack Developer.
- Worked on Micro fronted and Micro services architecture.
- Experienced in development of Responsive website design for mobile and desktop,
- Advanced knowledge in React, Angular, Web Components, and Bootstrap.
- Experienced in the development of Progressive Web Apps PWA.
- Worked with Browser technologies HTML5, CSS3 JS, and ECMAScript.
- Backend development experience with Java and related tech including spring and hibernate.
- Experienced with Consumption and development of RESTful APIs.
- Development experience on mobile tech stack with Android, Dart, and Flutter.
- Code maintenance, reviews, and suggestion for improvement for the team.
- Handled End to end operations from development to production deployment.
- Proficient in using DevOps tools like Git, Jira, Jenkins, PCF, Grafana, SonarQube, Linters, Checkmarx, etc.
- Ability to create good working relationships.

SKILLS

PRIMARY
HTML, CSS, JavaScript, React, Redux, Bootstrap, Material UI, Jest, and Enzyme.

SECONDARY
Java, Spring Framework, Spring Boot, Hibernate, Junit, JSF, etc.

OTHERS
Flutter, Dart, Typescript, ECMAScript, PWA, Angular, Styled Component, Git, etc.

WORK EXPERIENCE

Associate Tech Lead
Galaxe Solutions / Bangalore **/** Dec 2017 – Present
Worked as Full Stack Developer for developing applications using micro-frontend and micro-service architecture. Responsible for End to End Product initiation and deployment.
Tech Used: React, Redux, Axios, Spring Boot, Spring Batch, PostgreSQL, Grafana, Jenkins, Git, and PCF.

Systems Engineer
TATA Consultancy Services / Lucknow **/** Sep 2014 – Dec 2016
Worked as Module Lead. Developed the foundation architecture for project migration to new tech stack with Spring Boot and AngularJS from J2EE, JPA JSF based project.
Tech Used: JSF1.2, JPA, DAO, Alfresco, IBM WPS, HP Checkmarx, SonarQube, Spring Boot, and Angular.

AWARDS AND CERTIFICATION

- freeCodeCamp – Front End Libraries Developer Certification issued in May' 2020
- Galaxe Solutions – Outstanding Contribution Award presented in April'19

EDUCATION

freeCodeCamp – Front End Libraries Computer Software Engineering 2020
Free Code Camp's Front End Libraries program covers an estimated 300 hours of course work that includes CSS3, Sass, Bootstrap, JQuery, React and Redux to make responsive and dynamic websites.

SRM University – School of Computing 2014
Bachelor of Technology (B.Tech), Computer Science Engineering. GPA 8.9/10.

PROJECTS

Personal Projects

AQI – Air Quality Index →
- o Progressive Web App for fetching the location of the user and displaying the air quality index,
- o The App is installable on multiple platforms such as Windows/Android/Mac.
- o The data for air quality is fetched from OpenAQ using Restful API.

Secret Message Android App →
- o Encrypt the message with password using AES and Base64 encoding for similar size.
- o Share messages using SMS, WhatsApp, or other sharing platforms.

Yonder – Distributed Media Encoder →
- o The main modules are peer discovery; file transfer mechanism; encoder interfacing and graphics.
- o Implemented with Java, FFMPEG libraries, and Windows Builder Eclipse plug-in.
- o Uses multithreading and networking concepts.

Enterprise/Company Projects

Workers Compensation (Cigna/Express Scripts) →
- o Worked as tech lead for the project, managing a team of 8-10 people, such as full stack designers and front-end developers.
- o Developed mymatrixx.com website.
- o Worked with business and design requirements to develop web pages that adhered to company, industry, and usability standards.

DCRS Drug Coverage Rule Station (Cigna/Express Scripts) →
- o Designed UI mockups for new drug coverage migration screens.
- o Bootstrapped project, define standards and design principles.
- o Developed initial screens and functionality with react and redux library.

GPS – Global Procurement System (TCS) →
- o Re-engineering of the JavaEE application using Bootstrap, AngularJS, and Spring, and Hibernate.
- o Full Stack design development according to client-set feature priorities.
- o Created batches for automating processes. Interfacing between IBM WPS and Java System.
- o Reduced daily errors by 80%, from 15000 to 3000.

FMS – Facility management System (TCS) →
- o The Software enables the organization to manage seat inventory and occupancy, also for organizing various license and agreement details of different facilities.
- o Responsible for handling end-to-end project execution from requirement gathering to production deployment.
- o Implemented module to generate dynamic reports based on different parameters.

GROSS – Global Repository of Secured Storage (TCS) →
- o The system was designed to archive files related to purchase-order and invoices.
- o Maintained and Developed Code for Alfresco Document Management System.
- o Improved file upload speed by up to 12 seconds per file.
- o Designed and Implemented performance monitoring tools to monitor real-time performance and logging for failure and its causes.