

ANURAG RAWAL

SOFTWARE ENGINEER | +91 9915428322 | anuragr07@yahoo.com | [Linkedin](#) | [Github](#)

SUMMARY

- Experienced Software Engineer professional with **4+ years** of proven experience in the industry working in different sectors as **Service Based** and **Sales focussed** companies.
- Post Baccalaureate Diploma Graduate in **Computing and Information Systems**, adept in leveraging modern web and mobile development frameworks and libraries.
- Computer science enthusiast **researching, implementing** latest technologies and developing **personal projects** elevating my software development skills.

TECHNICAL SKILLS

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|--------------------|---|
| Core Skills: | Java, C#, JavaScript , Git, Maven, Gradle, AWS, GCP |
| Front-End: | React , Redux, Android Native, HTML, CSS |
| Back-End: | Node.js, ExpressJS , Java Servlets, SpringBoot |
| Databases: | MySQL , MS SQL, MongoDB , SQL Lite, Firebase |
| Tools: | VS Code , Android Studio, Xcode, IntelliJ, Postman |
| Operating Systems: | Windows, Mac and Linux environments |

WORK EXPERIENCE

IT Analyst, Canada **Jan 2023 – Present**
Compugen – FortisBC Contractor

Technologies: **ReactJS, MySQL, ExpressJS, VS Code**

- Implemented client-side functionalities using ReactJS to enhance user interaction and improve the overall user experience of the FortisBC website.
- Implemented SQL queries, stored procedures, and triggers to manipulate and retrieve data from the SQL Server database, improving data processing performance and reliability.
- Utilized ExpressJS middleware to handle authentication, data validation, and error handling, ensuring the security and reliability of API endpoints.

Information Systems Co-op **Sep 2021 – Apr 2022**
FortisBC, Canada

Technologies: **ReactJS, MySQL, PowerShell, AD, SCCM**

- Collaborated with the development team to enhance the company's website by developing and implementing efficient ReactJS code to address any identified gaps, optimize performance, and deliver innovative solutions.
- Utilized PowerShell scripting to streamline complex processes, enhance workflow efficiency, and deliver user-friendly solutions, thereby contributing to improved performance within the development environment.
- Contributed to a culture of collaboration, innovation, and continuous improvement within the development team.

J2EE Web Developer **Jul 2019 – Oct 2019**
EME Technologies, India

Technologies: **J2EE, Java8, Hibernate, Spring Boot**

- Researched, designed, developed, and maintained business applications meeting the client requirements for functionality, scalability, and performance.
- Prepared test cases and executed unit testing to design and develop robust solutions for the applications.
- Coordinated with Front-end design teams to create the best possible UI elements that could elevate client-side experience and the overall functionality, and performance of the website.

Jagdish Travel Advisor
Software Engineer, India

Jul 2017 – Jul 2019

Technologies: **Java8, JavaFX, Java Swing**

- Collaborated across departments to integrate Windows applications into our systems, enhancing user experience and operational efficiency.
- Designed and implemented Windows applications for production, ensuring prompt delivery and meeting company system requirements.
- Actively participated in Agile development processes, including sprint planning, daily stand-ups, and retrospectives, to ensure timely delivery of features and continuous improvement of the development workflow.

TECHNICAL PROJECTS

Smart Space – Home Automation System using Raspberry Pi

Jan 2023 – Apr 2023

Technologies: **Python, PowerShell, Linux, NodeJS, ExpressJS, Android Native**

- Developed over 15 APIs to gather live properties from devices and run customised Python scripts hosted on Pi.
- Utilized MongoDB to build the backend and Node.js to run APIs, with an Android app frontend using Recycler Views and Adapters.
- Smart devices supported by the application are Philips Hue, Yeelight, and Shelly smart plug. Also, utilizing various protocols including Zigbee and RPC.

Diversity of Living – MERN Stack Application

Jan 2021 – Apr 2021

Technologies: **ReactJS, ExpressJS, NodeJS, MongoDB, AWS**

- Developed reusable components and REST APIs using JavaScript frameworks and libraries: React.js, Express.js, and Node.js.
- Developed and integrated high-performance code that performs data manipulations and calculations on the data provided by Numbeo API (third-party web API) to compare the life standards of different countries.
- Deployed the Front-end (React) on Heroku and Web services on AWS to make it accessible and open to reviews for future enhancements.

EDUCATION

Post Baccalaureate Diploma

May 2020 – Apr 2023

Computer & Information Systems – Specialized in Emerging Technology

Douglas College, New Westminster, BC

Bachelor of Computer Applications

Jul 2016 – May 2019

Specialized in Application and Web Development

Panjab University, India

ACCOMPLISHMENTS

- Received Honour Roll for completing the Summer 2020 semester with good grades.
- Received best performer for December 2023, January 2024, February 2024
- Awarded as the best volunteer for 2 years consecutively for making the fest a huge success for both years.
- Represented Rotaract district 3080 in district 3131 for the Inter-District Youth Exchange program.