 **PRANSHU SHARMA** +1 (647)-674-3689| Pranshu199@yahoo.com

**SUMMARY**

* 4+ years of experience in full Stack Java development, utilizing technologies such as **ReactJS**, **Java, Spring Boot, NodeJS** **JavaScript,** and **jQuery** to create interactive and **user-friendly web experiences**.
* Strong knowledge of **Java**, including experience with the **Spring** and **Spring Boot** Frameworks for developing back-end systems and **RESTful APIs**.
* Experienced in developing **scalable** and **high-performance** web applications using **Node.js** and **Express.js**, leveraging the power of **JavaScript** on the server-side to deliver efficient and real-time communication between clients and servers.
* Strong experience with **React**, including **JSX**, **Virtual DOM**, and **component-based architecture.**
* Proficient in creating responsive and mobile-friendly designs using popular CSS frameworks such as **Bootstrap** and **Material UI.**
* Experience with database technologies such as **MySQL**, **MongoDB** and **Oracle** and with **ORM framework**s such as **Hibernate** and **JPA.**
* Knowledge of the **Model-View-Controller (MVC)** architecture and how it’s implemented in **Spring Boot.**
* Experience with implementing real-time communication in web applications, allowing for efficient and effective communication between clients and servers.
* Strong understanding of web development concepts like **DOM manipulation** and optimization.
* Experienced in developing and executing successful **SEO strategies**, including keyword research, content development, link building, and technical SEO. Skilled in analyzing website traffic patterns and metrics to improve search engine rankings and drive organic traffic.
* **Strong problem-solving** and **debugging skills**, ability to troubleshoot and resolve issues quickly.
* Proven ability to work well in a team environment and handle multiple projects simultaneously.

**TECHNICAL SKILLS**

* **Back-end Languages:** Java, NodeJS
* **Front-end Languages:** CSS3, HTML5, JavaScript, jQuery
* **Frameworks:** ReactJS, AngularJS, jQuery, CanvasJS, ExpressJS, Bootstrap, Material-UI
* **Databases:** MySQL, Oracle SQL, MongoDB
* **Software Tools:** Git, Jira, Bitbucket, Maven, Eclipse, Visual Studio
* **Operating Systems:** Linux, Windows
* **Cloud:** AWS (EC2, S3, RDS, IAM, VPC, API Gateway, Elastic Cache, SNS, SQS), Heroku
* **Methodologies:** Waterfall, Agile Methodologies

**PROFESSIONAL EXPERIENCE**

**Insyght.ai, Oakville**

***Full-Stack Developer***  ***June,2021 – Present***

***Project – HireNG***

**Role – Full Stack Developer**

**Description *-*** The Talent Acquisition Management System is a comprehensive solution designed to streamline and optimize the hiring process for organizations. It provides end-to-end functionalities to manage and track candidates, job postings, interviews, and hiring workflows. The system aims to improve efficiency, collaboration, and decision-making in the recruitment process, enabling organizations to attract, evaluate, and hire top talent effectively.

**Responsibilities *-***

* Collaborated with the Machine Learning team and stakeholders to gather requirements and define the scope of the Talent Acquisition Management System.
* Designed and developed the backend **Restful APIs** and services using **Java** with **Spring Boot,** implementing functionalities for candidate management, job postings, interview scheduling, and assessment.
* Integrated a relational database (e.g., **MySQL**) to store and manage over 50,000 candidate profiles, 10,000 job information records, and 100,000 interview data entries.
* Implemented features like candidate search and filtering, resume parsing, interview scheduling automation, and real-time notifications to streamline the hiring process.
* Conducted extensive **unit testing** and integration testing, executing over 1,000 test cases to ensure the functionality and reliability of the system.
* Analyzed test results, reported and prioritized over 200 issues, and actively participated in resolving them to maintain a high-quality software product.
* Utilized version control tools like Git to manage a codebase of over 10,000 lines of code and facilitate seamless collaboration within the development team.
* Utilized a robust CI/CD pipeline using **Jenkins**, enabling automated builds, testing, and deployment of the Talent Acquisition Management System, reducing deployment time by 50%.

**Technologies Used**

* **Backend:** Java 11, Spring Boot 2.5
* **Frontend:** React 18, Material-Ui, Socket.io
* **Database:** MySQL 8
* **Version:** Control: Git
* **Testing:** JUnit 5
* **CI/CD:** Jenkins
* **Cloud**: AWS

**Phoenixgen, Pune, Maharashtra, India**

***Full-stack Developer*** ***Aug 2018 – Dec 2019***

***Project: HDFC Bank - Online Loan Application Portal***

**Role: Full Stack Developer**

**Client: HDFC Bank**

**Duration: 6 months**

**Description*:*** The Online Loan Application Portal is a web-based system developed for HDFC Bank to streamline and automate the loan application process for their customers. By providing a user-friendly interface, seamless integration with back-end systems, and efficient data processing, the portal enables customers to conveniently apply for loans online, eliminating the need for physical paperwork and branch visits. The project aims to enhance customer experience, improve operational efficiency, and accelerate the loan approval process for HDFC Bank.

**Responsibilities*:***

* Collaborated with the client and project stakeholders to gather requirements, analyze business processes, and define the scope of the loan application portal.
* Developed the front-end user interface using **AngularJS,** and **Bootstrap,** ensuring a responsive and intuitive design for seamless user experience.
* Designed and implemented the loan application form with appropriate fields, validations, and error handling to capture customer information accurately.
* Integrated the front-end with the back-end APIs using **Java** and **Spring Boot** to handle loan application submission, data processing, and persistence.
* Collaborated with the database team to design and implement the database schema in **MySQL**, ensuring efficient storage and retrieval of customer and loan application data.

**Technologies Used:**

* **Front-end:** AngularJS, Bootstrap
* **Back-end:** Java, Spring Boot
* **Database:** MySQL
* **Version Control** - Git
* **CI/CD** - Jenkins

***Project- Chatbot Connect***

**Role – Backend Developer**

**Client – AP2v**

**Duration – 4 months**

**Description *-*** The ChatbotConnect project involved integrating a chatbot into Ap2v's website to enhance customer support and automate ticket routing. I contributed as a backend developer, utilizing Java with Spring Boot, MongoDB as the database, and Google Dialog Flow for natural language processing. The chatbot provided features such as answering FAQs, retrieving information, and performing basic transactions.

**Responsibilities** -

* Collaborated with the development team and stakeholders to understand the requirements and objectives of the ChatbotConnect project.
* Designed and developed the backend APIs using **Java** with **Spring Boot**, enabling seamless integration between the chatbot and the customer support system.
* Implemented functionalities for message processing, natural language understanding, and response generation using **Google DialogFlow**
* Integrated the chatbot APIs with the customer support system, allowing real-time communication and data exchange between the chatbot and support agents.
* Conducted extensive unit testing and integration testing, executing over 1,500 test cases to ensure the functionality and reliability of the ChatbotConnect integration.
* Collaborated with the QA team to perform stress testing and simulate high-volume chatbot interactions, ensuring system performance and stability.
* Analyzed test results, reported and resolved over 200 issues, ensuring a smooth integration process and accurate chatbot responses.
* Utilized a CI/CD pipeline using **Jenkins**, enabling automated builds, testing, and deployment of the ChatbotConnect integration, reducing deployment time by 30%.
* Worked closely with the AI and NLP specialist to fine-tune the chatbot's understanding and response capabilities, improving its effectiveness in assisting customers.

**Technologies/Frameworks:**

* **Backend –** Java (Spring Boot)
* **Database** - MongoDB
* **NLP** – Google Dialogflow
* **Version Control** - Git
* **CI/CD** - Jenkins
* **Test –** JUnit, Integration testing

**EDUCATION**

* **Post Graduate Certification in Mobile Application Development -**  ***Canadore College, Mississauga*** ***2021***
* **Post Graduate Certificate in Project Management -**  ***Fleming College, Peterborough, ON*** ***2020***
* **Bachelor of Information Technology -**  ***Guru Nanak Dev Engineering College – Ludhiana, Punjab*** ***2018***

Refrences Available Upon Request ---