**PRANSHU SHARMA**

+1 647-674-3689 | Pranshu199@yahoo.com

Toronto, Ontario

**SUMMARY**

* 4+ years of experience in full Stack Java development, utilizing technologies such as **ReactJS**, **NodeJS** **Java, JavaScript, Spring Boot,** and **jQuery** to create interactive and **user-friendly web experiences**.
* 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.**
* Strong knowledge of **Java**, including experience with the **Spring** and **Spring Boot** Frameworks for developing back-end systems and **RESTful APIs**.
* Proficient in creating responsive and mobile-friendly designs using popular CSS frameworks such as **Bootstrap** and **MaterialUI.**
* 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**

**Client – Praga InfoTech**

***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 software development 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.
* Collaborated with the Human Resources team to define and execute user acceptance tests, incorporating feedback to enhance system usability and effectiveness.
* 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%.
* Configured and maintained development, staging, and production environments, ensuring smooth and efficient deployment processes for a user base spanning multiple location.

**Technologies Used**

* **Backend:** Java 11, Spring Boot 2.5
* **Frontend:** React 17, Socket.io
* **Database:** MySQL 8
* **Version:** Control: Git
* **Testing:** JUnit 5
* **CI/CD:** Jenkins
* **Cloud**: AWS

***Project – 2-way messaging***

**Role – Full Stack Developer**

**Client – Ministry of Children, Community and Social Services**

**Description** - The 2 Way Messaging project was developed for the Ministry of Children, Community & Social Services to enable efficient and secure communication between clients and case workers. The project involved building a messaging platform that included an inbox for clients and case workers, as well as the ability to send and reply to messages with document attachments. The system also provided notifications to clients for new messages, ensuring timely communication and collaboration.

**Responsibilities-**

* Designed and developed the frontend using **React v17.2,** creating intuitive and user-friendly interfaces for both clients and case workers.
* Implemented the backend **APIs** using **Node.js**, facilitating data retrieval and storage for message exchange, document attachments, and notifications.
* Integrated **MongoDB** as the database to securely store messages, client information, and document attachments, ensuring data privacy and integrity.
* Implemented the messaging inbox for clients, allowing them to view and reply to messages from case workers in a centralized platform.
* Developed the messaging inbox for case workers, enabling them to communicate with clients, view message history, and send/reply with document attachments.
* Implemented a notification system for clients, ensuring they receive alerts for new messages, promoting timely communication and response.
* Created and executed a comprehensive suite of test cases, covering various scenarios such as message sending, message retrieval, document attachment handling, and notification system behavior.

**Technologies/Frameworks** -

* Frontend: React v17.2
* Backend: Node.js
* Database: MongoDB
* Cloud: Microsoft Azure
* Version Control: Git
* Package Managers: npm
* CI/CD: Azure DevOps

**Phoenixgen, Pune, Maharashtra, India**

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

***Project- Chatbot Connect***

**Role – Backend Developer**

**Client – AP2v**

**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.
* Collaborated with the DevOps team to ensure the scalability and availability of the chatbot integration, leveraging cloud infrastructure and load balancing techniques.

**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***

--- References Available Upon Request ---