Pulkit Yadav

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Highlights

→ Hands-on experience in **Java design, development, implementation, testing and maintenance** of **complex Software** and **Database applications.**

→ Solid understanding of **object-oriented** programming principles in **Java.**

→ Compliance with **Software Development Life Cycle (SDLC)** phases, such as **strategy** and **analyzing, designing, building (coding), testing** and **documentation** of software products. Familiarity with Iterative **Agile** and **Waterfall** methodologies.

→ Experienced in developing **web applications** using **Java, Spring MVC, Spring Boot, JPA, Hibernate, React, Relational** and **NoSQL databases.**

→ Expertise in setting and maintaining **web applications** on **GitHub** using **Git** as well as proficiency in working in **Linux operating systems.**

→ Excellent **team player** with **problem-solving** and **troubleshooting** capabilities.

Technical Skills

Programming Languages	Core Java, JavaScript, Python, SQL, NoSQL
Java Technologies	Spring Core, Servlet, Spring MVC, Spring Boot, JPA, Hibernate
Database	Oracle 11g, MS SQL Server, MySQL, MongoDB
Development Tools	Eclipse, IntelliJ Idea, NetBeans, Spring Tool Suite.
Version Control	Git, GitHub
Web Technologies	RESTful Web Services, React, JavaScript, HTML, CSS, JSON

Education

Graduate Certificate: Database Application Developer   *April 2022 | Seneca College, Toronto*
GPA: 4/4 | Awards: President's Honor List

Graduate Certificate: Big Data Analytics   *August 2021 | Georgian College, Barrie*
GPA: 87% | Awards: Dean's List

Bachelor of Engineering: Computer Science   *July 2019 | Chitkara University, India*
GPA: 7.54/ 10

Work Experience

Full-Stack Web Developer (Volunteer) at Seneca College, Toronto   *January 2022 – April 2022*

→ Voluntarily collaborated with the professor in gathering the requirements and analyzing the system based on MVC architecture.

→ Analyze the work and prepare business requirements, technical design/specification, and test plan documents.

→ Created Business Logic Layer & Data Access Layers to implement the MVC architecture and created RESTful web services for the back end.

→ Designed and developed various abstract classes, interfaces, and classes to construct the business logic using Java.

→ Using React, created a front-end based on Single Page Architecture (SPA). Functional components with props and hooks like useState for dynamic data and useEffect for API calls were utilized across the app.

Environment: Java, Spring framework, Spring boot, RESTful Web Services, React, JavaScript, HTML, CSS, Postman, Build tool Maven, Version control tool Git, MongoDB.

Key Projects

Rest-Inn Resort Web Application (Link)   *January 2022 – April 2022*
Java | Spring Boot | JavaScript | React | MongoDB | HTML | CSS | JavaScript | Heroku | Netlify
Rest-Inn is a web app that allows users to see various types of properties, best seller properties, property descriptions, search by type of property, login, and register. Filters were employed on the best seller page, and validations were conducted on the sign-up and login pages.

→ Worked as a full-stack developer for this project, where I oversaw the development, delivering, and supporting the app.

→ Ensured application security and the ability to interact with multiple API endpoints and the database.

→ Optimized the app by creating and delivering highly efficient, reusable, and reliable code.

Alumni Portal Web Application [(Link)](Link)　　　　　　　　　　　　　　　　　*January 2022 – April 2022*

Node.js | Express.js | HTML | CSS | JavaScript | Handlebars | MongoDB | Heroku | Jira | Jest

A web application that allows alumni to register/login and request documents to be mailed directly to them. It also serves as a social networking platform for students to update their status, professional information, and events. Admins can also keep track of their alumni.

→ Ensured the best possible performance, quality, and responsiveness of the application.
→ Worked in a team of three and delivered the project two weeks ahead of schedule without minimizing the project scope.
→ Conducted unit testing using Jest, which reduced system failure rate by 70%.

Stratagem- Film, TV, and Screen Resource Library　　　　　　　　　　　　*May 2021 – August 2021*

Azure | SQL | HTML | CSS | JavaScript | Python | SharePoint

A web application that allows users and businesses to conduct searches on the platform utilizing job descriptions and data scraped from the web. The application allows users to upload a post to their profile. Users can also connect with other users who have signed up.

→ I led the project and attended weekly status meetings with the team to discuss progress and threats.
→ Scraped and collected over 10,000 entries of data from several web sources using Python (Beautiful Soup) for the database.
→ Created a dashboard with all information and documentation concerning the project on Microsoft SharePoint.

Certifications

→ Python Programming Masterclass: Udemy
→ Business Analytics Nano Degree: Udacity