

# 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, algorithms, data structures, and design patterns**.
- Experienced in developing full-stack **web applications, REST API** and **web services** using **Java, Spring MVC, Spring Boot, JavaScript, React, Relational (SQL)** and **NoSQL databases** and proficiency in web services testing using **Postman**.
- Compliance with **Software Development Life Cycle (SDLC)** phases, such as **strategy** and **analyzing, designing, building (coding), testing and documentation** of software products.
- Worked with **Iterative, Agile, Waterfall methodologies** and **Test-Driven Development**.
- Compliance with distributed ecosystem like **Hadoop** and familiar with **Big Data tools and technologies**.
- Expertise in setting and maintaining **web apps** on **GitHub** using **Git** and proficiency in working in a **Linux environment**.
- Excellent **team player** with great **problem-solving, troubleshooting and communication skills**.

## Technical Skills

**Programming Languages:** Core Java, JavaScript, Python, SQL, NoSQL

**Frameworks & Libraries:** Spring Core, Servlet, Spring MVC, Spring Boot, JPA, Hibernate, React, Node.js, JUnit

**Databases:** Oracle 11g, MS SQL Server, MySQL, MongoDB

**Tools:** Jira, Maven, Postman, Confluence, Hadoop Ecosystem

**IDE:** Eclipse, IntelliJ Idea, NetBeans, Spring Tool Suite, VS Code

**Version Control:** Git, GitHub

**Web Technologies:** RESTful Web Services, HTML, CSS, JSON, XML

## 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

**AXTechnosoft Pvt Ltd, Gurugram, Haryana, India**

*August 2019 – July 2020*

Role: Junior Software Developer

### Responsibilities:

- Involved in gathering the requirements and defining the business rules to user requirements in SDLC 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.
- Used React to create front-end using Single Page Architecture design by the help of components across the app.
- Created Web Forms using Java and implemented form validation using Validation controls using both Custom validation and JavaScript was written for client-side validations.
- Used databases like Oracle and Mongo DB.
- Created the RESTful web services and tested them using Postman.
- Involved in deployment and troubleshooting issues by debugging the code and fixing the issue in the application.

**Environment:** Java, Spring framework, JavaScript, React, Oracle 11g, HTML 5, CSS, RESTful Web services, Unit testing tool Junit, 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](#))

*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 ([Link](#))

*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

- [Data Structures and Algorithms](#): Udemy
- [Python Programming Masterclass](#): Udemy
- [Business Analytics Nano Degree](#): Udacity

*July 2022*

*March 2022*

*April 2020*