

Pulkit Yadav

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Highlights

- Designed and created various web applications that are highly scalable and extensible, using React.js, Spring Boot, JPA, Node.js, and Express.js.
- Hands-on experience in object-oriented programming languages like Java by working on multiple projects.
- Compliance with business ethics, Software Development Life Cycle (SDLC) and Agile methodologies.
- Proficient in Relational and NoSQL databases and familiarity with cloud services like AWS and Microsoft Azure.
- Excellent interpersonal, organizational, and communication abilities, as well as team management and adaptability.

Technical Skills

Programming Languages: Java, Python, JavaScript, HTML, CSS, SQL, NoSQL

Databases: Oracle, PostgreSQL, MySQL, MongoDB

Libraries & Frameworks: React.js, Spring boot, Node.js, Express.js, Handlebars, NumPy, Pandas

Hadoop Ecosystem: HDFS, MapReduce, YARN, Pig, Hive

Tools: Eclipse IDE, IntelliJ, VS Code, PyCharm, Jira, SQL Plus, SQL Developer, MongoDB Compass, PowerBI, Tableau, Heroku, MS Office Suite, Jenkins, Postman

Version Control: Git ([GitHub](#))

Methodologies: Waterfall, Agile Scrum

Education

Graduate Certificate: Database Application Developer

April 2022 | Seneca College

GPA: 4/4 | Awards: President's Honor List

Graduate Certificate: Big Data Analytics

August 2021 | Georgian College

GPA: 87% | Awards: Dean's List

Bachelor of Engineering: Computer Science

July 2019 | Chitkara University

GPA: 7.54/ 10

Work Experience

Seneca College- School of Software Design and Data Science, Toronto

January 2022 – April 2022

Web Developer (Volunteer)

- Voluntarily worked with the professor to develop the application and maintained coding and technical documentation.
- Developed high-quality code in Java (Spring boot) and JavaScript (React.js).
- Maximized the efficiency, data quality, scope, operability, and flexibility of the application.
- Participated in weekly status meetings and tested API endpoints using Postman.
- Gained hands-on experience in Spring Boot, React.js, HTML, CSS, and MongoDB.

Key Projects

Rest-Inn Resort Web Application ([Link](#))

January 2022 – April 2022

React.js | Spring Boot | MongoDB | HTML | CSS | JavaScript | Heroku | Netlify

Rest-Inn is a web app like Airbnb that allows users to see various types of properties, best seller properties, property descriptions, search by type of property, login, and register. On the best seller page, filters were employed, and suitable 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 and present employment.

- Developed a full-stack app using Node.js and Express.js. Ensured the best possible performance, quality, and responsiveness of the application.
- Participated in reviews and meetings and provided updates on project progress using Jira.
- Conducted unit testing using Jest, which reduced system failure rate by 70%.

Stratagem- Film, TV, and Screen Resource Library Web Application

May 2021 – August 2021

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

The goal of this project was to create a single website that would be useful to both job searchers and companies. Users and businesses will be able 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.

- In addition to developing the application, 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 Nanodegree](#)- Udacity.

March 2022

April 2020