SHESHAN PATEL

920 Elm Avenue, Windsor, ON N9A 5H5

patel55@uwindsor.ca | 647-540-2989 | linkedin.com/in/sheshanpatel23/ | github.com/sheshan23/

TECHNICAL SKILLS

- **Programming Languages:** Java, Advanced Java, Python, JavaScript
- **Database Systems:** MySQL, MongoDB
- **Frameworks/Libraries:** Hibernate, Spring, Bootstrap, ReactJS, ExpressJS, Mongoose, Redux, Keras, TensorFlow, OpenCV
- **Web Technologies:** HTML, CSS, NodeJS
- **IDE & Tools:** Eclipse, SQLyog, Visual Studio, Postman, Microsoft Office, GitHub
- **Project Management:** Agile, Waterfall, Scrum

EDUCATION

Master of Applied Computing   Jan 2020 – Present
University of Windsor, Windsor, ON

Bachelor of Engineering in Information Technology   Jul 2015 - May 2019
L.D. College of Engineering, Gujarat, India

EXPERIENCE

Full Stack Developer - Intern (SoftVan, Ahmedabad, India)   Nov 2017 - Mar 2018
Technologies learned: J2SE, J2EE – Framework: Hibernate, Spring, MVC, HTML, CSS, JavaScript, MySQL

- Studied the fundamentals of Java and Advanced Java and applied it to solve real-life problems
- Contributed to the company's project using Spring and Hibernate concepts to make the product more reliable and secure
- Learned to develop interactive and user friendly UI using HTML, CSS and JavaScript concepts

ACADEMIC PROJECTS

Restaurant Management System (University of Windsor)   May 2020- Present
Technologies used: Bootstrap4, ReactJS, Redux, ExpressJS, NodeJS, MongoDB Atlas, Mongoose
Project Link: https://github.com/sheshan23/Restaurant-Management-Front-End
             https://github.com/sheshan23/Restaurant-Management-Back-End

- Developed a restaurant management system with interactive UI using BootStrap classes where user can login and place an order for the cuisine
- Implemented the react-redux store to handle the components state
- Used Passport and JWT concepts to implement the user authentication and verification
- Created REST API endpoints using the ExpressJS router
- Develop schemas and models for data storage using Mongoose
- Database is implemented on cloud cluster of MongoDB Atlas and connected using Mongoose

Tic-Tac-Toe (Personal Project)   June 2020
Technologies used: Bootstrap4, ReactJS
Project Link: https://master.d3333kxyw01cbp.amplifyapp.com/

- Gained the basic knowledge of ReactJS concepts like function and class components , props, state, event handling, rendering elements
- Deployed on AWS amplify platform

Weather Forecast (University of Windsor)   June 2020
Technologies used: Bootstrap4, ReactJS
Project Link: https://master.d3901t0yw03dkw.amplifyapp.com/home

- Implemented to fetch the current weather data using an API call of openweatherapi.org
- Learned the practical implementation of basic concepts of ReactJS and Bootstrap4
- Deployed on AWS amplify platform

Web Search Engine (University of Windsor)   Jan 2020 – Mar 2020
Technology Used: Java
Project Link: https://github.com/sheshan23/Web-Search-Engine

- Developed Java-based search engine
- Implemented features like web crawling, HTML to text convertor, pattern matching, page ranking, spell checking, word suggestion

Customer Intelligence Using Smart System (L.D. College of Engineering)   Jan 2019 – May 2019
Technologies used: Advanced Java, SpringBoot, Bootstrap, Python, MySQL, TensorFlow, OpenCV, Keras
Project Link: https://github.com/sheshan23/Customer-Intelligence

- Developed a web-based application to generate analyzed data from the user's feedback which can be useful for an organization to ensure better product sales
- Created business logic using Spring framework to develop highly secured web application
- Trained the model, implemented at local server and tested with live human expression

VOLUNTEER EXPERIENCE

Event Manager (TiE, Ahmedabad)   Mar 2017

- Collaborated with volunteers to successfully organize the business event
- Developed leadership through supervision and workflow of event volunteers
- Troubleshoot situation of over attendee and found a solution to improve the flow of attendees

CERTIFICATES

Server-side Development with NodeJS, Express and MongoDB (Coursera)   Jun 2020
Front-End Web Development with React (Coursera)   Jun 2020
Front-End Web UI Frameworks and Tools: Bootstrap4 (Coursera)   May 2020
Microsoft Technology Associate: Database Administration (Microsoft)   Jul 2016