

Vansh Saluja

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PROFILE

I am Vansh Saluja, a self-taught Java developer and a Full Stack Application Development graduate from NSCC. With a passion for creating robust and user-friendly applications, I have honed my skills in Java, JavaScript, and Python, among other technologies. My expertise spans from frontend frameworks like React and Next.js to backend development with NodeJS/ExpressJS, Spring Boot and Django, consistently delivering scalable and maintainable solutions.

EDUCATION

Nova Scotia Community College (Halifax, NS)

Sept 2023 – May 2024

Post Graduate Certificate – Full Stack Application Development

Mount Saint Vincent University (Halifax, NS)

Jan 2020 – Dec 2021

Diploma – Business Administration

TECHNICAL SKILLS

- **Languages:** Java, Javascript, Typescript, Python, HTML, CSS
- **Databases:** MongoDB, MySQL
- **Frameworks and Libraries:** Springboot, Django, ExpressJS, ReactJS, NodeJS, NextJS, Bootstrap, TailwindCss
- **Development tools:** Git, Github, Postman, Docker
- **Others:** Agile, RESTFUL APIs, Jest, ElectronJS, Apache Kafka, Microservices

WORK EXPERIENCE

Truverus - Halifax, NS

May 2024 – Present

Full Stack Developer

- Creating and maintaining robust and scalable applications using MySQL, Express.js, React, and Node.js. Implementing TypeScript for both frontend and backend development to improve code quality, maintainability, and scalability.
- Building and integrating RESTful APIs with Express.js, using Azure functions.
- Developing responsive and interactive user interfaces with React, leveraging hooks and advanced state management techniques.

Concentrix Technologies - Halifax, NS

Jan 2022 – Aug 2023

Technical Advisor – II

- Troubleshoot and resolve complex technical issues related to hardware, software and networking.
- Promptly respond to customer inquiries and maintain accurate records of all requests and resolutions.

PROJECTS

Chattify AI (ReactJS, Javascript, RestAPIs, NodeJS, ExpressJS, GPT 3.5)

- This project is a React application that implements a chat interface powered by the OpenAI GPT 3.5 model.
- This React application provides a user-friendly chat interface that allows users to interact with the OpenAI GPT model through text input or speech recognition and acts as a middleware between clients and the OpenAI GPT model, allowing clients to send messages and receive responses generated by the AI model.

Milkyway (NextJS, ReactJS, Javascript, RestAPIs, Redux, TailwindCSS, Python, OOPS, Django, DRF, OAuth, PostgreSQL, AWS RDS)

- The frontend is built using Next.js, a React framework that enables server-side rendering and static site generation which utilizes component-based architecture, making the application modular, maintainable, and scalable for future development.
- The backend is developed with Python and Django using Django Rest Framework, facilitating the creation of robust RESTful APIs for handling data exchange.
- Integrates Google OAuth for secure and convenient user authentication and authorization.
- Uses PostgreSQL on AWS RDS for a scalable, secure, and managed relational database solution which Manages complex relationships between tables in PostgreSQL, supporting structured and interconnected data storage.

Shopee. (ReactJS, Javascript, RestAPIs, Redux, NodeJS, ExpressJS, MongoDB, Mongoose)

- Created an engaging and user-friendly ecommerce web application that seamlessly integrates with the admin panel for a cohesive shopping experience.
- Developed an intuitive and efficient admin panel enabling seamless addition of products with comprehensive access to all store products and user information.
- Implemented a robust user authentication system utilizing NodeJS, ExpressJS, and MongoDB using jsonwebtoken for streamlined and secure user authentication.
- Utilizes Stripe's API to facilitate secure and efficient payment processing during the checkout process.

Springboot-Microservices (Java, OOPS, Springboot, Springweb, MySQL, Microservices, Eureka server)

- Implements a microservices architecture with separate services for managing quizzes and questions, promoting modularity and scalability.
- Utilizes an API gateway for routing and an Eureka Server for service discovery, ensuring efficient communication and coordination between services.
- Utilizing feign client simplifying inter-service communication within the microservices ecosystem.
- Integrates Spring Data JPA for database operations.

Ratehub (ReactJS, Javascript, RestAPIs, Redux)

- Created an engaging and user-friendly ecommerce web application that seamlessly integrates with the admin panel for a cohesive shopping experience.
- Developed an intuitive and efficient admin panel enabling seamless addition of products with comprehensive access to all store products and user information.