

NEVIL SANCHPARA

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🔗 [nevilsaspara](https://github.com/nevilsaspara)

Education

Conestoga college

Web development

Ontario, Canada

Jan 2024 - April 2025

Gujarat Technical University

Bachelor in Computer Science

Surat, India

Jul 2019 - Jul 2023

Experience

Durvasa Infotech

Software Engineer

Surat, India

Sept 2022 - Nov 2023

- Developed and maintained React.js user interfaces, using Tailwind CSS for streamlined and responsive styling.
- Integrated RESTful APIs and optimized state management using Redux for seamless frontend-backend communication.
- Collaborated with cross-functional teams (Product Management, UX, and Developers) in a Scrum environment to refine requirements, develop, and test features.
- Utilized Git for version control, managing code and collaborating with other developers in an Agile workflow.

Durvasa Infotech

Software Engineer Intern

Surat, India

May 2022 - August 2022

- Assisted in designing and implementing web-based user interfaces using React, collaborating with UX experts to deliver intuitive applications.
- Developed RESTful APIs using Golang, integrating AWS services such as RDS for database management and Lambda for serverless functions.
- Built and optimized Redux state management for enterprise-grade applications, while utilizing strong problem-solving skills to analyze and resolve complex software challenges.

Projects

Project Aakalp: Indian Hackathone Final | ReactJS, AWS NodeJS, MongoDB, DyanmoDB, Google Map API

- Developed a MERN web app for the Smart India Hackathon, leveraging Node.js, AWS DynamoDB, and Athena Express, improving the efficiency of streetlight monitoring by 40% across various cities.
- Built an interactive map and dashboard with real-time markers, optimizing API response time by 33% and implementing role-based access control for 3 user roles.

Uber clone | Spring Boot, PostgreSQL, AWS, Elastic Beanstalk, RDS, CI-CD

- Developed a ride-hailing application with distinct roles (admin, driver, rider) enabling fare calculation via ORSM API, with dynamic fare adjustments based on time using a strategy design pattern.
- Wrote unit and integration tests, deployed the application on AWS using Elastic Beanstalk, Amazon RDS (PostgreSQL), and managed separate development and production profiles. Set up a CI/CD pipeline for automated builds and deployments.

Event Management app | Golang, PostgreSQL

- Developed a REST API for the Event Management app using Golang and PostgreSQL with MNC Architecture, enhancing system performance.
- Applied object-oriented programming and implemented JWT authentication and advanced authorization, achieving a 28% increase in security.

Technical Skills

Languages: JavaScript, SQL, Java, HTML/CSS, TypeScript, Golang, Python

Frameworks/Libraries: React.js, Redux, Node.js, Express.js, Spring Boot, GraphQL, Kafka, Maven, Hibernate

Cloud & DevOps: AWS, Docker, Kubernetes, CI/CD, Version Control (GitHub, Gitlab)

Database: MongoDB (NoSQL), PostgreSQL, Firebase, Redis, DyanmoDb, MySQL

Developer Tools: VS Code, IntelliJ IDEA, Android Studio, Postman, Apache

Leadership / Extracurricular

- Finalist at SIH: Runners up at Smart Indian Hackathone 2022).
- Won Dexter event - an event for coders in University
- Udemy - Golang the Complete Guide
- CodingShuttle - Spring Boot