

# KENAL PATEL

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Windsor, ON

## PROFILE

Experienced Full Stack Developer with over 4 years of hands-on experience designing and building scalable, efficient, and user-friendly web applications. Proficient in modern JavaScript frameworks (ReactJS, NodeJS, ExpressJS, TypeScript), HTML/CSS, and cloud technologies, with a strong understanding of software development life cycle (SDLC) best practices, including deployment, testing, and code reviews. Adept at applying design principles and user experience (UX) strategies to create impactful solutions that align with customer needs and business goals. Passionate about continuous improvement and leveraging technology to enhance user experiences. Available for hybrid, remote, or onsite roles and eligible to work in Canada.

## SKILLS

- **Programming Languages:** JavaScript (ES6+), TypeScript, Python, Java, C
- **Backend:** NodeJS, ExpressJS, Django, Flask
- **Frontend:** ReactJS, Redux, Power Automate, Power Apps, HTML, CSS, JQuery, Bootstrap, Material UI, Chakra UI
- **Database:** MongoDB, CloudantDB, MySQL, PostgreSQL
- **Testing:** JEST, Postman
- **Version Control:** Git/Github, Bitbucket
- **Cloud Technologies:** Basic AWS
- **Agile & Project Management:** Scrum, Kanban
- **Soft Skills:** Cross-Functional Collaboration, Leadership, Adaptability, Effective Communication, Teamwork
- **Additional Skills:** REST API Integration, GraphQL, Code Reviews, Jenkins, Continuous Integration and Continuous Deployment (CI/CD), Jenkins, JSON

## WORK EXPERIENCE

Senior Associate II | Kyndryl, India

Dec 2022 - May 2024

- SAMBOT Web Portal
  - **Skills:** JavaScript, NodeJS, ExpressJS, ReactJS, CloudantDB, JEST, Azure Deployment, RESTful API, Agile
  - Contributed to full **software development life cycle** for 12 critical components, including front-end, back-end, deployment, CI/CD, and peer code reviews, ensuring code quality and operational excellence.
  - Engineered **responsive ReactJS interfaces** and optimized back-end systems, achieving a 25% boost in page load speed by migrating 22 **APIs** to **WebSockets**.
  - Deployed a **multi-subscription** management feature, enhancing user access and streamlining subscription handling.
  - Conducted rigorous **JEST** testing on 30+ back-end functions, ensuring high performance and 24/7 scalability.
- Validator Tool
  - **Skills:** JavaScript, NodeJS, ExpressJS, Power Automate, Power Apps, MongoDB, Mongoose, Azure Deployment, Agile
  - Demonstrated the **transition** from SAMBOT to Validator tool with **proof-of-concept** for 30% of SAMBOT's features.
  - Led backend implementation for **JSON** file generation for **inter-tool connectivity** and **pre-filled excel** template download functionalities.
  - Enhanced tool functionality and user experience with advanced **Power Automate** and **Power Apps** features.
  - Collaborated closely with cross-functional teams to deliver high-quality solutions, driving a 20% improvement in customer satisfaction.

System Engineer | Tata Consultancy Services, India

Oct 2020 – Nov 2022

- Bench Management Portal
  - **Skills:** JavaScript, TypeScript, NodeJS, ExpressJS, ReactJS, SQL, MySQL, GraphQL, Agile
  - **Migrated** the Bench Management Portal from a multi-page **JavaScript** UI to a **ReactJS** single-page application, increasing loading speed and scalability by **35%**.
  - Developed **reusable components** with Material UI and Chakra UI, ensuring consistent user interfaces and implemented **GraphQL** to optimize data fetching and improve query efficiency.

- Modernized backend systems with **microservices architecture** and contributed to 20+ **feature enhancements** and 30+ **bug fixes** with the **MERN** stack.

→ Vehicle Testing Automation

- **Skills:** Python, OOP, Automation, Agile
- Achieved a 75% reduction in manual testing efforts by implementing **Automation** using object-oriented design, setting a new benchmark for project effectiveness.
- Boosted team efficiency by 25% through active contributions to **Agile** and **Scrum** processes.
- **Mentored** junior developers, enhancing productivity and coding practices across the team.

Software Developer Intern | Tata Consultancy Services, India

Jan 2020 – Apr 2020

→ Employee Management System

- **Skills:** Java, SpringBoot, MongoDB
- Took ownership of **Database design** and **API development**, enhancing 25+ backend functionalities of the Employee module under mentor supervision.
- Implemented **Authentication** and **Authorization** features to ensure secure user access.

EDUCATION

Bachelor of Technology in Information Technology

2016-2020

Nirma University, Ahmedabad, Gujarat

- **CGPA:** 8.16/10
- **Coursework:** Object Oriented Programming, Data Structures, DBMS, Operating Systems, Software Engineering, Design and Analysis of Algorithms, Data Mining, Microservice Architecture and Programming, Deep Learning

ACADEMIC PROJECTS

→ **Ecommerce Web Application**

- **Skills:** ExpressJS, NodeJS, MongoDB, React, Chakra UI, Bootstrap, React-Redux
- Developed a scalable e-commerce platform with secure **RESTful API** design, user authentication, and admin management.
- Integrated design principles to enhance the **user experience**, resulting in a more intuitive and engaging interface.
- Github: [MERN Ecommerce](#)

→ **Chat Web Application**

- **Skills:** ExpressJS, NodeJS, MongoDB, ReactJS, Chakra UI, Context API, Socket.io, Heroku
- Led the development of a **real-time** chat application with advanced user authentication and high-load performance, focusing on reliability and **responsiveness**.
- Github: [MERN Chat App](#)

→ **Voice Based News Application**

- **Skills:** Html, CSS, ReactJS, Chakra UI, Bootstrap, Alan AIs
- Designed a scalable **voice-activated** news platform using **ALAN AI**, integrating real-time data and enhancing user experience through voice command functionality.
- Github: [Chat\\_Voice\\_AI\\_WebApp](#)

CERTIFICATIONS

- **Developing Cloud Apps with Node.js and React** (Coursera)
- **Introduction to Cloud Computing** (Coursera)
- **AWS Cloud** (Ongoing)