

# KENAL PATEL

kenalbutani@gmail.com | +1 (382) 889-1471  
[Portfolio](#) | [LinkedIn](#) | [GitHub](#)  
Windsor, ON

## PROFILE

Experienced Full Stack Developer with a dedication for creating scalable, efficient, and user-friendly web applications. Over 4 years of professional hands-on experience in designing, developing, and maintaining multiple web applications using modern JavaScript and Python frameworks and SQL & NoSQL databases. Skilled in system architecture and leading teams to deliver high-quality solutions, with strong communication for clear, actionable requirements. Quick learner, adaptable to new technologies, with a proven track record of successful client interactions and collaboration. Available for hybrid, remote, or onsite roles. Eligible to work in Canada.

## SKILLS

- **Programming Languages:** JavaScript, Python, HTML, CSS, TypeScript, Java, C
- **Database:** MongoDB (Mongoose), CloudantDB, MySQL
- **Backend:** NodeJS, ExpressJS, Django, Flask
- **Frontend:** ReactJS, Redux, Power Automate, Power Apps, JQuery, Material UI, Bootstrap, Chakra UI, NextJS
- **Testing:** JEST
- **Version Control:** Git/Github, Bitbucket
- **Tools/Technologies:** Postman, Visual Studio Code, PyCharm, Google Colab, GitHub, Jenkins,
- **Soft Skills:** Teamwork, Problem-Solving, Adaptability, Project Management, Mentorship
- **Additional Skills:** REST API Integration, GraphQL, Code Reviews, NPM, Agile Methodologies, Babel, ES6+, Event Loop, Security Practices, Error Handling, Continuous Integration and Continuous Deployment (CI/CD), Linux. Swagger, 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
  - Led the **end-to-end development** life cycle by spearheading the design, implementation, **RESTful API** integration, testing, and refinement of 12 components within the portal.
  - Designed and implemented user-friendly, responsive, and reusable **front-end interfaces** using **ReactJS**, enhancing user experience, code maintainability and development efficiency.
  - Implemented a **multi-subscription management feature**, enhancing user access and subscription handling.
  - Collaborated in **back-end enhancements** to onboard new clients on the portal by delivering the 100% tested requirements, ensuring 24/7 availability and scalability.
  - Tested 30+ backend functions thoroughly with **JEST** framework, ensuring optimal performance and reliability.
  - Optimized page load time by **migrating 22 APIs to WebSockets**, achieving a 25% improvement in performance.
- Validator Tool
  - **Skills:** JavaScript, NodeJS, ExpressJS, Power Automate, Power Apps, MongoDB, Mongoose, Azure Deployment
  - Effectively proved the viability of **transitioning from SAMBOT tool to Validator tool** through successful proof-of-concept implementations for 30% functionalities of SAMBOT.
  - Led backend implementation for **JSON** file generation for **inter-tool connectivity** and **pre-filled excel** template download functionalities.
  - Implemented advanced features using **Power Automate** and **Power Apps**, enhancing tool functionality and user experience.

System Engineer | Tata Consultancy Services, India Oct 2020 – Nov 2022

- Bench Management Portal
  - **Skills:** JavaScript, TypeScript, NodeJS, ExpressJS, ReactJS, SQL, MySQL, GraphQL
  - Spearheaded the Migration of Bench Management Portal from **multi page Javascript UI to single page component based ReactJS UI** to improve loading speed and scalability by 35%.
  - Designed reusable components using **Material UI** and **Chakra UI**, ensuring consistency across applications.
  - Implemented **GraphQL** to optimize data fetching and improve query efficiency, resulting in **faster data retrieval** and a more responsive user interface.

- Led a team to **modernize backend systems**, optimizing performance and scalability through microservices architecture deployed across distributed environments and contributed to over 20 **enhancements** and resolved 30+ **bugs**, utilizing the power of **MERN** stack.
- **Vehicle Testing Automation**
- **Skills:** Python, OOP
- Revolutionized testing efficiency, resulting in a 75% reduction in manual efforts and setting a new benchmark for project effectiveness utilizing **object-oriented** design principles to ensure code efficiency and maintainability.
- Contributed to **Agile and Scrum** processes, resulting in 25% increase in team efficiency.
- **Mentored** a team of junior developers, providing guidance and support in adopting best coding practices and enhancing team productivity.
- Demonstrated ability to perform **independent research** to solve complex technical problems, ensuring innovative solutions.

Software Developer Intern | Tata Consultancy Services, India

Jan 2020 – Apr 2020

- **Employee Management System**
- **Skills:** JavaScript, Node.js, Express.js, MongoDB and Mongoose
- 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.
- Demonstrated strong communication skills and leveraged expertise in modern **JavaScript** frameworks to deliver a seamless and efficient solution.

EDUCATION

---

<b>Bachelor of Technology in Information Technology</b> Nirma University, Ahmedabad, Gujarat <ul style="list-style-type: none"><li>● CGPA: 8.16/10</li></ul>	<b>2016-2020</b>
<b>12<sup>th</sup> Gujarat Board</b> Bright Day School, Vadodara, Gujarat <ul style="list-style-type: none"><li>● Percentile: 99.19/100</li></ul>	<b>2015-2016</b>

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.
- Focused on system architecture and coding best practices.
- 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)