

DHRUVI KAUSHIKBHAI PATEL

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SUMMARY

Software Developer with 1.5 years of experience in JavaScript, React.js, Node.js, and SQL, specializing in full-stack web development and RESTful API design. Skilled in building scalable applications, optimizing performance, and ensuring seamless user experiences. Adept at problem-solving, collaborating in agile teams, and quickly adapting to new technologies to deliver high-quality software solutions.

EDUCATION

Illinois Institute of Technology

Masters in Computer Science (GPA: **4.0** / 4.0)

Aug 2023 - May 2025

Indus University

Bachelors of Technology in Information Technology (GPA: **3.89** / 4.0)

Aug 2019 - May 2023

SKILLS

- **Programming Languages:** Java, Python, JavaScript
- **Frontend Development:** React.js, Angular, HTML, CSS
- **Backend Development:** Node.js, Express.js, Django, Flask
- **Databases:** SQL, NoSQL (MongoDB, DynamoDB)
- **Cloud & DevOps:** AWS, Docker, Kubernetes, Google Cloud
- **Testing & Debugging:** Unit Testing, Jest, Mocha, Postman
- **Version Control:** Git, GitHub, GitLab
- **System Design & Performance Optimization**
- **Project Management & Agile Methodologies**
- **Strong collaboration & teamwork skills**
- **Effective communication & problem-solving**
- **Adaptability & quick learning**

PROFESSIONAL EXPERIENCE

Software Developer

Jul 2022 - Jul 2023

Virtual Height

Ahmedabad, India

- Designed and implemented dynamic, responsive UIs using React.js for a UK-based healthcare project, ensuring compliance with WCAG 2.2 accessibility standards.
- Developed and optimized reusable components, improving performance, state management, and load times by 20% with Webpack and React best practices.
- Implemented Test-Driven Development (TDD) and collaborated using Azure DevOps (ADO) and Agile methodologies to deliver high-quality, maintainable code.
- Integrated Azure Active Directory for secure authentication and optimized RESTful API interactions, enhancing data security and user experience.
- Streamlined CI/CD pipelines in Azure DevOps, ensuring seamless testing, deployment, and efficient team collaboration.

Junior Software Engineer

Jan 2022 - Jun 2022

Brainy Beam Technology

Ahmedabad, India

- Completed intensive training in SQL, JavaScript, React.js, and Node.js, gaining expertise in full-stack web development, database management, and API integration.
- Designed, developed, and maintained 5+ RESTful APIs for the Organization Calendar capstone project using Node.js and Express, ensuring 99.9% uptime and high scalability.
- Optimized Progressive Web Applications (PWAs) to enhance performance, offline accessibility, and user experience, improving load times by 30% and boosting responsiveness.
- Implemented Sequelize ORM, reducing database query execution time by 40%, leading to faster data retrieval and improved efficiency.
- Developed secure authentication APIs, including the Login API for Single Sign-On (SSO), handling 1,000+ user authentications daily while ensuring robust security.

ACADEMIC PROJECT

AI-Powered Chatbot for Customer Support (Python + GPT API)

- Developed an AI chatbot using Python and OpenAI's GPT API to automate customer queries, reducing response time by 40%.
- Integrated Natural Language Processing (NLP) and deployed on a React-based web app, improving contextual understanding and user engagement.

Healthcare Appointment Booking System (Node.js + MySQL)

- Designed a secure, scalable web app for online appointment booking using Node.js, Express, and MySQL, with role-based access for doctors and patients.
- Implemented JWT authentication, email notifications, and scheduling automation, reducing manual errors by 50%.

E-Commerce Platform with Payment Gateway (React + Stripe API)

- Built a fully functional e-commerce website using React.js, Node.js, and MongoDB, featuring cart management, order tracking, and product filtering.
- Integrated Stripe payment gateway for secure transactions, enhancing checkout experience and increasing user engagement by 25%.