

Khush Patel

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Education

MIT Academy of engineering

Bachelor of Technology in Computer Engineering (CGPA of 8.41)

Jan 2021 - July 2025

Maharashtra, India

Internship Experience

Fulcrum

June 2024 – August 2024

Software Development Engineer Intern

Pune, India

- Developed role-based access control and Google authentication using Node.js middlewares.
- Built and optimized RESTful APIs with PostgreSQL and integrated Kafka for real-time processing.
- Refactored monolithic architecture into microservices and contributed to CI/CD automation.

Odoo

December 2024 - Present

Software Development Engineer Intern

Gandhinagar, Gujarat

- Built modular backend features and dynamic filters using Python and PostgreSQL.
- Extended ReactJS components for custom dropdowns in inventory views.
- Collaborated on core features with ORM, web-client stack, and view architecture.

Projects

StudyNotion - An Edtech Platform / NodeJS, ReactJS, ExpressJS, MongoDB

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- An Edtech platform that allows instructors to upload video lectures and enables seamless learning for students.
- Features include quizzes, practice MCQs, interaction with educators, doubt classes, and more.

FoodLens / NodeJS, ReactJS, ExpressJS, MongoDB

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- An interactive website allowing users to scan QR codes on food packages for detailed ingredient explanations.
- Uses algorithms to predict whether the food is suitable to eat.

Result Analysis System / Django, PostgreSQL

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- A platform for colleges to track student performance in exams and classify students into weak or fast learners.
- Provides insightful data for teachers to monitor student performance.

Achievements

- College Rank 1 on leaderboard in Coding ninjas.
- Qualified the prestigious ACM-ICPC regionals.
- Solved more than 2000+ problems across platforms.
- Runner-up in Coding challenge on Hackerank in Codechef MITAOE
- Runner-up in Nirmaan 2.0 organised by GDSC MITAOE

Profile Links

- Coding Ninjas
- Leetcode
- GeeksforGeeks

Technical Skills

Programming Languages: C++, Python, JavaScript, SQL

Web Technologies: Node.js, React.js, Express.js, Django

Databases: SQL, PostgreSQL, MongoDB

Cloud Platforms: Amazon Web Services (AWS)

Tools: Git, Docker, Kubernetes, Jenkins