

# VIVEK SHAH

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## EDUCATION

**Bachelor of Technology**, Pandit Deendayal Energy University

2021 - 2025

## SKILLS

**Basic:** Rust, ReactJS, Redux Toolkit, C, C++, Docker

**Intermediate:** Git, Javascript, ExpressJS, Postman, MongoDB, Open Source, AWS, Azure, REST

**Advanced:** Java, Data Structure and Algorithms, NodeJS

## EXPERIENCE

**Full-Stack Web Development Intern**

Oct 2022 - Mar 2023

TechInnovate Mobility

India

- Engineered and implemented a scalable Back-End infrastructure using NodeJS, ExpressJS, and MongoDB, resulting in a 40% improvement in response times and a 30% reduction in server downtime.
- Streamlined data retrieval, using MongoDB and Javascript, reducing API response time by 40%.

**Software Engineering Intern**

Apr 2023 - Jun 2023

Marwiz Tech

India

- Revamped the back-end of the company's website, leading to a 25 percent% increase in website loading speed and a 20 percent% improvement in overall website performance.
- Implemented efficient database queries, resulting in a 50% reduction in page load time.

**Software Development Intern**

Jun 2023-Aug 2023

CyberTag

India

- Ensured website integrity with security enhancements, achieving 99.9 percent% uptime and a 15 percent% decrease in user issues for a seamless user experience.
- Addressed critical software bugs, resulting in a 30% increase in project timelines and company growth.

## PROJECTS

**Venv: Custom products built for the clients:** Successfully delivered multiple client projects, including a [product catalogue](#) resulting in a 15% increase in product visibility, a [Note Taking App](#) with a user base of 500, a [School Management Website](#) saving 30% administrative time, and a Landing Page for [TedxPdeu](#) and other [startups](#) that contributed to a 25% increase in customer engagement.

**Billing App:** Built a tool to create invoices, manage customer resources (CRM) by using ReactJS, NodeJS, MongoDB and ExpressJS. Have served more than 20 clients and also have been used by more than 1000 customers.

**LockBoxPy: Python payload obfuscator** An obfuscator that encrypts files and payloads, resulting in substantial improvements in data security by 30% and reduction in breaches by 25%.

**Isolated Falcon: SIH Finals Project** Collaborated on fine-tuning the language model, leveraging my expertise to optimize its capabilities and contribute to its recognition in the SIH Finals (Problem Statement: Isolated Falcon) where it achieved a top 5 position out of 44,000 candidates.

**VenV-Sessions** Developed a tool that saved browser tabs as sessions, enhancing user productivity by 30% and optimizing memory usage. Features included session naming, restoration, and deletion.

## AWARDS & CERTIFICATIONS

- Winner at the IDE Bootcamp organized 2024 by AICTE and ministry of Education, Govt of India.
- Attained "Knight" on LeetCode, max rating 1909 (top 4.3%), showcasing strong problem-solving skills.
- Analyzed cybersecurity threats as an [IBM CyberSecurity Analyst](#): from September 14, 2023.
- Achieved Finalist status at [SIH](#) (Smart India Hackathon), [SSIP](#), Dotslash 6.0 and Tic-Tech-Toe.
- Engaged in GSSOC 2022, contributing to open source with over 5 merged pull requests
- Contributed during Hacktoberfest 2023, fostering collaborative development and community engagement.