

VIVEK SHAH

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[Mail me](#) ◊ [LinkedIn](#) ◊ [Portfolio](#) ◊ [Github](#) ◊ [Leetcode](#)

EDUCATION

Bachelor of Technology, Pandit Deendayal Energy University

2021 - 2025

SKILLS

Basic: ReactJS, NextJS, Redux, C, C++, Shell Scripting

Intermediate: Python, Open Source, AWS, Azure, REST, Meta API, Gen AI applications

Advanced: Java, Data Structure and Algorithms, ExpressJS, NodeJS, Javascript, Open AI, Typescript

Tools: Docker, Linux, Bash, Git, Github, Postman, MongoDB, Firebase, Pinecone, Jest, Rollbar, Drizzle ORM

EXPERIENCE

Full-Stack Developer Intern

Apr 2024 - Present

Reverr *Remote, India*

- Developed AI-powered workforce across domains, leveraging OpenAI and GenAI, resulting in 50% faster customer query responses via WhatsApp integration.
- Utilized Meta API and Pinecone for vector database, achieving 40% improvement in search accuracy and 35% increase in operational efficiency.

Software Development Intern

Jun 2023–Aug 2023

CyberTag *Remote, India*

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

Software Engineering Intern

Apr 2023 - Jun 2023

Marwiz Tech *Gujarat, India*

- Revamped the back-end of the company's product and implemented efficient database queries, leading to a 35% increase in website loading speed and a 20 percent% improvement in overall website performance.

Full-Stack Web Development Intern

Oct 2022 - Mar 2023

TechInnovate Mobility *Gujarat, 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.

PROJECTS

FinanSync: Streamlined Billing Management A comprehensive billing system built with the MERN stack, enabling users to manage invoices, bills, and quotations. Features include customer info, due dates, reminders, tax calculations, multiple currencies, and a dashboard graph. Improves financial oversight by 75% and customer management efficiency by 60%.

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, and created an offline Large Language Model tool which can summarize PDFs, chat with context, leveraging my expertise to optimize its capabilities and contribute to its recognition in the SIH Finals where it achieved a top 5 position out of 44,000 teams.

MINI PROJECTS

[Learning Management System](#), [Product Catalogue](#), [Browser Session management extension](#), [School management Website](#), [Quiz App with AI Report](#), [Note Taking app](#)

AWARDS & CERTIFICATIONS

- Startup incubated at [PDEU IIC](#) for funding.
- Winner at the IDE Bootcamp organized 2024 by AICTE and ministry of Education, Govt of India.
- [Codeforces](#): Pupil(1200) [Leetcode](#): Knight(max rating: 2011), [Leetcode Biweekly 129](#) Global Rank 74, AIR 11/22777 contestants: Top 0.003%.
- 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 2023, and Hacktoberfest 2023, contributing to open source with over 5 merged pull requests