

Varnikumar Patel

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GitHub | Portfolio

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EDUCATION

VIT Bhopal University

September, 2023 – Present

B.Tech in Computer Science & Engineering (Artificial Intelligence and Machine Learning)

CGPA : 8.05

SKILLS SUMMARY

Programming Languages: Java (DSA, OOPs), Python, C++, SQL

Frontend Development: HTML, CSS, JavaScript, React.js, Next.js, Tailwind CSS, Bootstrap

Backend Development: Node.js, Express.js, RESTful APIs, Firebase, MongoDB, MySQL

Computer Science Fundamentals: DBMS, Operating Systems, Computer Networks, System Design(LLD & HLD)

Dev Tools & Platforms: Git, GitHub, Docker, AWS (EC2, S3), Postman

EXPERIENCE

Mittal Alliance Industries Private Limited

Indore, India(Remote)

Full Stack Web Developer Intern

May, 2025 – Present

- Built and maintained full-stack web applications using React.js, Next.js, Tailwind CSS, and Firebase.
- Architected scalable frontend components and integrated real-time data handling features.
- Managed a team of 6+ developers by assigning tasks, reviewing code, and tracking progress.
- Worked closely with clients to understand requirements and deliver business-focused solutions.

BADVERSE

SILICON VALLEY, USA(Remote)

Software Development Engineer (SDE) Intern

February, 2025 – April, 2025

- Designed and developed the company website using React.js and Tailwind CSS from scratch.
- Implemented modular component architecture to ensure maintainability and code scalability.
- Optimized website performance by improving rendering efficiency and reducing load times.
- Maintained production code by fixing issues, enhancing features, and ensuring stability.

PROJECTS

SwasthyaSathi | [LINK](#)

November, 2025 – Present

- Identified challenges in accessing timely medical care for users in remote and underserved areas.
- Designed an AI-powered healthcare platform supporting multiple consultation workflows and specialties.
- Implemented symptom analysis and doctor recommendation features tested across 100+ scenarios.
- Delivered a scalable solution enabling faster consultations through virtual doctor interactions.

CompileVerse | [LINK](#)

June, 2025 – July, 2025

- Identified limitations in traditional online compilers that lack intelligent code feedback.
- Designed an AI-powered coding environment evaluated by 200+ test users during development.
- Integrated Google Gemini AI to analyze and optimize code across 10+ problem categories.
- Delivered an intelligent platform enabling users to improve code quality with real-time insights.

ACHIEVEMENTS & LEADERSHIP

- Selected for Amazon ML Summer School 2025 | [CERTIFICATE](#)
- University Finalist at Smart India Hackathon (SIH) 2024
- Technical Lead, Ramanujan Club, VIT Bhopal | Led technical initiatives and mentored members
- Contributor at GirlScript Summer of Code (GSSoC) 2025

CODING PROFILES

- **Codeforces** : Contest Rating : Specialist (Rank: 1467) | [LINK](#)
- **LeetCode** : Contest Rating : 1502, Problems Solved : 271 | [LINK](#)
- **GeeksforGeeks** : Coding Score 1012, Problems Solved : 527 | [LINK](#)