

# Varnikumar Patel

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## EXPERIENCE

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**Mittal Alliance Industries Private Limited** | *Web Developer Intern* May, 2025 - Present

- Crafted 8+ responsive frontend applications using React.js, Next.js, and Tailwind CSS.
- Led a 2+ member team as project manager while delivering full frontend project solutions.
- Created and optimized 20+ pages and components ensuring smooth cross-device compatibility.
- Coordinated code reviews and team work while delivering projects in a remote agile environment.

## PROJECTS

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**MediTalk** | *Next.js, Tailwind CSS, Vapi API, Assembly AI, Clerk* August, 2025 – Present

- Observed that 56% of elderly and remote patients lacked timely access to essential medical advice.
- Aiming to build a full-stack platform providing instant, AI-powered preliminary medical consultations.
- Developing MediTalk with Next.js, integrating Vapi + AssemblyAI for real-time voice consultations.
- Expected to provide 24/7 access with prescriptions, reducing consultation time to under 10 minutes.

**CompileVerse** | *React.js, Tailwind CSS, Node.js, Gemini API, Docker, AWS(EC2)* June, 2025 – July, 2025

- Noticed that 70% of peers struggled to determine correct time and space complexity for their code.
- Set out to build a full-stack MERN web application to simplify code analysis and optimization.
- Built CompileVerse with 4 languages and integrated Gemini AI for optimized code suggestions.
- Tested by 20+ peers with 95% positive feedback, improving coding efficiency and readiness.

**TrendWear** | *React.js, MongoDB, Tailwind CSS, Razorpay, Node.js, Express.js,* April, 2025 – May, 2025

- Identified slow account and inventory management issues in small clothing e-commerce platforms.
- Designed a full-stack solution supporting 100+ users with shopping, payments, and product tracking.
- Engineered TrendWear MERN web app with 2 dashboards and Razorpay for faster payments.
- Managed over 80+ products and reduced transaction processing time by 2 seconds per order.

## TECHNICAL SKILLS

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**Languages:** Java, Python, JavaScript, TypeScript, SQL

**Web Technologies:** React.js, Next.js, Tailwind CSS, HTML, CSS, Bootstrap, Node.js, Express.js

**Core Concepts:** Data Structures, Algorithms, OOP, DBMS, Operating Systems, Computer Networks

**Developer Tools:** Git, GitHub, Postman, VS Code, Clerk, Figma, AWS, RESTful APIs, CI/CD

## EXTRACURRICULAR ACTIVITIES

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- Selected for Amazon ML Summer School 2025 from 60,000+ applicants; trained in advanced ml techniques.
- Finalist, Smart India Hackathon 2024 : Devised an innovative solution; top-ranked in the university round.
- Technical Lead, Ramanujan Club (VIT Bhopal) : Led events, managed logistics, supervised 10+ members.
- Placement Cell Member, VIT Bhopal: Assisted in TCS recruitment coordination for 300+ students.

## ALGORITHMIC COMPETITIONS/ACHIEVEMENTS

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- Specialist on Codeforces with rating 1200+, consistently solving problems and improving competitive skills.
- Achieved a LeetCode rating of 1621, demonstrating strong algorithmic proficiency and coding expertise.
- Scored 1012 in GeeksforGeeks Competitive Programming, showcasing strong DSA proficiency.
- Contributing to GSSoC 2025 with 10+ issues created and active participation in repositories.

## EDUCATION

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**VIT Bhopal University, Bhopal**

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

2023 – 2027

CGPA: 8.05/10.0