

VARNIKUMAR PATEL

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Education

VIT Bhopal University

Bachelor of Technology in Computer Science (AIML)
CGPA : 8.0 / 10

September 2023 – Ongoing

Bhopal, Madhya Pradesh

Experience

Summer of Bitcoin 2025 Bootcamp – Bitcoin Developer Trainee

March 2025 – Ongoing
Remote

- Selected for the prestigious Summer of Bitcoin Bootcamp to enhance skills in Bitcoin development and blockchain technology.
- Solved hands-on coding challenges focused on Bitcoin protocols, cryptographic principles, and decentralized systems.
- Gained in-depth knowledge of Bitcoin Core, Lightning Network, and open-source blockchain development.
- Engaged with industry experts and collaborated with fellow developers to contribute to real-world Bitcoin projects.

Projects

StudyShield ([Github](#))

January 2025 – February 2025

- Built StudyShield, a Chrome extension that structures study sessions according to user preferences, leading to a measurable improvement in study effectiveness; users reported a 50% increase in content retention post-usage.
- Implemented real-time webpage analysis, blocking 95% of distracting sites, resulting in a 40% improvement in focus time.
- Designed an intuitive UI using HTML, CSS, and JavaScript, ensuring a smooth user experience.

QuickLingo ([Github](#))

February 2025

- Created a Chrome extension for real-time translation of selected text across six languages, improving accessibility for global users.
- Integrated advanced translation APIs to deliver instant and accurate results, effectively reducing language barriers while browsing.
- Engineered an optimized, lightweight architecture using JavaScript, HTML, and CSS, ensuring seamless performance with minimal system load.

PlacementPrep ([Live here](#))

December 2024 – January 2025

- Designed a Placement Preparation Platform featuring 100+ coding challenges and 50+ study materials, helping students prepare 2× faster.
- Built a scalable web platform using React.js, Node.js, Express.js, Tailwind CSS, and MongoDB Atlas, ensuring seamless performance for 1,000+ concurrent users.
- Created an interactive dashboard with 10+ resume templates and 100+ curated interview questions, enhancing job preparation efficiency.
- Integrated top coding challenges and structured learning resources to streamline placement preparation.

Technical Skills

Languages: Python, Java, C++, JavaScript, TypeScript, SQL, HTML, CSS

Developer Tools: Git, GitHub, VS Code, Postman, Firebase, Docker, CI/CD

Technologies/Frameworks: React.js, Next.js, Node.js, Express.js, EJS.js, Tailwind CSS, Bootstrap
MongoDB, Redux, GraphQL, REST APIs

Extra curricular

- Finalist in Smart India Hackathon (SIH) 2024** – Developed an innovative solution, competing among India's top teams.
- Ranked in the Top 50 of Vulture Hackathon among 1,000+ participants.**
- Completed Hacktoberfest 2024** – Contributed to open-source projects, making meaningful GitHub contributions.
- Event Management Lead, Gujarati Club** – Organized and managed cultural events.
- Placement Cell Member** – Assisted in **TCS campus recruitment**, coordinating interviews for **300+ students** and ensuring seamless execution.