

# Devyanshu Negi

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## Education

VIT Bhopal University, • Bachelor of Technology in Computer Science - CGPA: 8.85	Aug 2023 - Aug 2027
Army Public School, Jammu Cantt • CBSE XII - AISSCE - 92.6%	May 2022 - May 2023

## Experience

Software Engineer (Contract), Yellow Tribe – Remote • High-Concurrency Scraper: Architected a parallelized scraping engine using Playwright and Node.js processing 10k+ daily records. Containerized with Docker on Railway, reducing manual data entry by 15+ hours/week. • Resilient Queue System: Orchestrated a fault-tolerant BullMQ job queue to decouple scraping logic, ensuring 100% data retention during network failures via automated exponential backoff strategies. • Workflow Automation: Engineered an n8n email bot to autonomously categorize and respond to client inquiries, cutting response latency by 90% and saving 80+ monthly man-hours.	Nov 2025 - Present
Freelance Software Developer, Remote • Microservice Optimization (Oct 2025 - Nov 2025): Diagnosed and eliminated critical Prisma schema conflicts and constructed 4 Next.js CRUD admin modules, streamlining the operations workflow. • Payment Integration: Integrated a comprehensive Stripe payment ecosystem into a production Next.js application, ensuring strict PCI compliance and seamless user transactions. • Legacy Code Revitalization: Revitalized a legacy MERN-stack car rental application by optimizing database queries and incorporating dynamic pricing logic, improving page load speeds by 30%.	May 2022 - Present
Tech Lead, Software Development Club • Hackathon Leadership: Spearheaded the "AI-ZEN" Hackathon (100+ attendees) and directed technical workshops, resulting in a 25% increase in club registrations and a stronger collaborative coding culture.	Dec 2024 - Dec 2025

## Projects

Full-Stack Payments Platform (Paytm Clone) [vidDemo] [Github] • Structured a scalable Turborepo architecture to enable code sharing. Enforced ACID-compliant P2P transfers via Prisma transactions and deployed a webhook server for idempotent updates. • Transaction Security: Formulated a custom unique-token verification protocol for every transaction, ensuring data integrity and preventing replay attacks. • Stack: Next.js, Express.js, PostgreSQL, Prisma, Turborepo, Docker.	Apr 2025 - May 2025
Do-Sakhi (Real-Time AI Avatar) [Github] • Devised a lightweight decibel-based lip-sync algorithm and structured a serverless Next.js API pipeline for OpenAI/ElevenLabs streaming, reducing end-to-end latency by 40%. • Stack: Next.js (Serverless Functions), OpenAI API, ElevenLabs API, Tailwind CSS.	Feb 2025 - Mar 2025
Pentara Blogs [Demo] [Github] • Launched a high-performance blogging platform achieving a 99/100 Google Lighthouse score by leveraging Cloudinary CDN for optimized asset delivery and enabling server-side rendering. • Stack: MongoDB, Express.js, Node.js, EJS.	Jun 2024 - Sep 2024

## Technologies

Languages: TS, JS, Go (Golang), Python, SQL	Databases: PostgreSQL, MongoDB, Redis
Front-End: React, Next.js, Tailwind CSS	Cloud/DevOps: AWS, Docker, Git, Vercel, n8n
Back-End: Node, Express, Hono, BullMQ	Tools: Linux, Playwright, Postman

## Achievements & Open Source

- Open Source (Palisadoes Foundation): Modernized a significant repository (1000+ forks) by migrating 9 unit tests from Jest to Vitest. This overhaul improved the test suite execution speed and developer feedback loops.
- Workshop Instructor: Conducted a comprehensive "Git & GitHub Mastery" workshop for 80+ participants, facilitating hands-on learning of version control and branching strategies.
- Competitive Programming: Achieved 1st and 4th place in two intra-college CP competitions with over 750 participants.
- Sports: Competed as an inter-zonal football player and secured 5th position in an intra-college table tennis competition.