

# Devyanshu Negi

Pauri Garhwal, Uttrakhand, India | devyanshunegi@gmail.com | 8899209614 | LeetCode | LinkedIn | Github

## Education

VIT Bhopal University, B.tech in Computer Science	2023 – 2027
• CGPA: 8.85/10.0	
Army Public School Jammu Cantt,	2022 – 2023
• Percentage : 92.6	

## Experience

Tech Co-Lead, Software Development Club	Dec 2024 – now
• Leading a team of 12 developers, collaborating on multiple projects and technical initiatives.	
• Coordinated 3+ hackathons and multiple tech talks, engaging 200+ students in AI and software development.	
• Organized and hosted a presentation by Google Program Manager Madhurima Maji on AI harms and misuse,	
• Mentoring 8+ junior developers, guiding them in web Dev, backend architecture, and best coding practices.	

## Projects

<b>Full-Stack Payments Platform (Paytm Clone)</b>	vid Demo Github
• Architected a full-stack payments application within a <b>Turborepo monorepo</b> , enabling seamless code and type sharing between the user app, merchant app, and backend services.	
• Developed core functionalities including peer-to-peer (P2P) transfers and wallet management, using <b>Prisma</b> for atomic database transactions to ensure data integrity.	
• Implemented a dedicated <b>Express.js webhook server</b> to securely handle asynchronous payment status updates from a mock payment gateway.	
• <b>Tools Used:</b> Next.js, Express.js, PostgreSQL, Prisma, TypeScript, Turborepo, Tailwind CSS, Docker.	

<b>Do-Sakhi (Real-Time AI Avatar)</b>	Github Demo
• Engineered an interactive AI avatar, achieving over <b>95% perceived accuracy</b> in real-time lip-sync synchronization with AI-generated speech.	
• Architected a serverless pipeline using <b>Next.js API routes</b> to handle OpenAI script generation and ElevenLabs audio streaming, reducing end-to-end latency by <b>40%</b> by eliminating a separate backend.	
• <b>Tools Used:</b> Next.js (Serverless Functions), React, TypeScript, OpenAI API, ElevenLabs API, Tailwind CSS.	

<b>Pentara Blogs</b>	Demo Github
• Developed a full-stack blogging platform with the MEN stack (MongoDB, Express, Node.js) and an EJS frontend. Shrinking images via Cloudinary, cutting load times by 70% and storage by 40%.	
• Engineered comprehensive search functionality and rich text editing using Quill, enhancing user engagement.	
• Designed secure authentication flows, middleware security layers, and better DB queries	
• Ensured 99.9% uptime with proper error handling and database indexing.	

## Open-source Contributions

• <b>Palisadoes Foundation</b> : Migrated 9 unit tests from Jest to Vitest, optimizing test execution speed and improving feedback loops for the development team.
• <b>Collabora Online</b> :Optimized website responsiveness for smaller screens, enhancing UI/UX. Gained experience with the HUGO framework for static site generation and resolved a local setup bug, improving accessibility.

## Technologies

**Languages:** C, C++, Python, JavaScript, TypeScript, SQL

**Technologies:** React.js, Next.js, Tailwind CSS, Node.js, Express.js, MongoDB, MySQL, Docker, Postman, Arduino.