

Vivek Patil

Pune, Maharashtra, India

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Skills and Abilities

- Programming Languages: C, C++, Java, Python, JavaScript, TypeScript, PHP
- Frameworks and Libraries: Tailwind, React.js, Shadcn UI, Next.js, Express.js, Electron.js, Node.js, Flask, Django, Socket.io
- Tools: Vercel, GitHub, Postman, Mongoose, Prisma
- Databases: MongoDB, MySQL, PostgreSQL
- Cloud: AWS DynamoDB, AWS S3, AWS EC2
- Others: Data Structures and Algorithms (450+ Leetcode)

Experience

Pi Reality Software Developer Intern Website	Jun 2025 - Present
<ul style="list-style-type: none">• Sole web developer for the entire Veltos.ai platform (Next.js, Node/Express), owning the architecture, UI, backend services, DB design, caching, storage, auth, and deployment on Vercel.• Engineered game versioning, publishing, downloading and a full community system with secure in-browser game rendering via IFrames, backed by optimized DynamoDB tables (with Keys, Global Secondary Indexes)• Established a structured AWS S3 asset pipeline for storing and retrieving game files using deterministic key patterns, removing the need for stored URLs and enabling efficient access.• Developed a subscription + credit-based payment system with a separate payment microservice (Node/Express), secure checkout, webhooks, and automatic subscription/credit lifecycle management.• Implemented Clerk authentication, security middlewares, Redis caching for high-speed community data, and performance optimizations (SSR/CSR tuning, lazy loading, caching layers) for a fast, scalable platform.	

Sumago Infotech Pvt. Ltd. Python Django Trainee	Jun 2023 - Aug 2023
<ul style="list-style-type: none">• Built a video calling application using Django which supports 50+ participants at one Meet, while learning full-stack development.• Gained experience in REST APIs, models and frontend-backend integration.	

Education

RMD Sinhgad School of Engineering, Pune	Aug 2024 - May 2027
B.E in Computer Engineering	
CGPA: 9.23	

KCE's College of Engineering, Jalgaon	Jun 2021 - May 2024
Diploma in Computer Engineering	
Percentage: 89.88%	

Projects

Active File CoPilot Electron.js, Flask, Gemini API Link	
<ul style="list-style-type: none">• Built a free GitHub Copilot alternative for AI-powered code completions, debugging, and coding assistance.• Made with Electron.js for cross-platform apps, Flask for backend, and Gemini API for AI integration.• Features include coding suggestions, error detection, and a real-time chat interface.	
Personal Virtual Assistant for PC Electron.js, Flask, Gemini API Link	
<ul style="list-style-type: none">• Created an AI assistant with song playback, news, and weather, along with code error resolution.• Designed a cross-platform desktop app with Electron.js and Flask.• Added Google's Gemini API for live Q&A, news, weather, and music integration.	
Video Calling Web App Python Django, JavaScript, ZEGOCLOUD API Link	
<ul style="list-style-type: none">• Created a real-time video calling web application using Django.• Unique and secure generation of meeting names for user sessions.	

Achievements

- **Solved 500+ LeetCode DSA problems.**
- Won Best Project Presentation at KCE state-level competition (2024).
- Awarded Best Trainee at Sumago Infotech (2023).