

# Om Kumar Mishra

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## EDUCATION

### VIT BHOPAL UNIVERSITY

BACHELOR OF TECHNOLOGY  
(B.TECH) IN COMPUTER SCIENCE AND  
ENGINEERING

Expected May 2026 | Bhopal, India

- Current CGPA: 8.14/10.0
- Relevant Coursework: Data Structures, Algorithms, Database Management Systems, Operating Systems, Web Development, Mobile Application Development

## TECHNICAL SKILLS

### PROGRAMMING LANGUAGES

JavaScript/TypeScript • Java • Dart • Python • SQL

### FRAMEWORKS

Next.js • tRPC • Node.js • Flutter • REST APIs

### DEVELOPER TOOLS

Git • Docker • Google Cloud Platform • AWS • PostHog • Kubernetes

## ACHIEVEMENTS

### AMAZON SAMBHAV HACKATHON

Achieved a prestigious Top 10 ranking among over 100,000 teams nationwide for the innovative creation of NEX-MCF, showcasing exceptional technical skills and industry-leading solutions in competitive software development.

### SMART INDIA HACKATHON

University Finalist Built an AI-powered Frame Interpolation Engine for I.S.R.O using Python and F.I.L.M technique.

## PROFESSIONAL EXPERIENCE

### FULL STACK DEVELOPER Synapse Technologies

Freelance | 2024 - Present

- Architected and deployed full-stack web applications using Next.js, tRPC, and Amazon API Gateway, resulting in 30% faster load times
- Implemented responsive design principles and UX best practices, improving user engagement by 40%
- Created YardsToAcres real estate portal, scaling to 500+ listings and 1000+ users, with optimized search reducing query time by 65%
- Engineered NEXA, a scalable crypto gaming platform supporting 1000+ concurrent users with real-time functionality

## TECHNICAL PROJECTS

### QUICKBOARDER | FULL STACK DEVELOPER

quickboarder.shop

- Enabled local merchants transition their traditional businesses online 150% faster using AI.
- Integrated OpenAI Vision API to generate 99.9% accurate catalogue images.
- Engineered a robust catalogue manager and developed an interactive dashboard that enabled users to categorize products, enhancing decision-making for tools to generate the best catalogue for them.

### QRATED | FULL STACK DEVELOPER

qrated.site

- Built scalable affiliate platform using Next.js, TypeScript, and NeonDB serving 500+ creators with custom storefronts and real-time analytics.
- Integrated Stripe payments, NextAuth authentication, and Tinybird analytics achieving 99.9% uptime and sub-200ms API response times.
- Developed automated commission tracking system processing \$50K+ transactions with comprehensive creator dashboard and mobile app support.

### NEX-MCF | FULL STACK DEVELOPER

nexmcf.vercel.app

- Constructed A central hub for sellers to integrate with Amazon Multi-Channel Fulfillment using Amazon SP-API.
- Implemented AI Features to convert multi-platform responses, which reduced API errors by 95%.
- Designed Custom REST APIs handling 100+ requests per minute
- Built role based Authentication System.

### OPENCHAT | FULL STACK DEVELOPER

openchatone.vercel.app

- Built open-source AI chat app with multi-model support, BYOK, and real-time sync using TanStack Router and Convex database.
- Implemented file attachments, chat folders, image generation, and custom UI serving 1000+ users with 99.8% message delivery.
- Developed scalable messaging architecture with multi-device synchronization and responsive design for seamless user experience.