Ketan Verma

Full Stack Web Developer

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PROFILE

Full Stack Web Developer with 5+ years building scalable applications using Node.js, Python, and React. Specialized in backend architecture and API development, with a proven track record of reducing system latency by 40% and accelerating deployment cycles. Passionate about creating efficient, user-centric solutions for complex business challenges.

TECHNICAL SKILLS

Languages: JavaScript (Expert), Python (Intermediate), TypeScript, HTML5, CSS3
Frontend: React.js, Redux, GraphQL, Responsive Design, Material-UI
Backend: Node.js, Express.js, RESTful APIs, Django, FastAPI, Microservices
Databases: MongoDB, PostgreSQL, MySQL, Redis
Cloud & DevOps: AWS (EC2, S3), Docker, CI/CD, Nginx
Tools & Methodologies: Git/GitHub, Jest, Mocha, Agile/Scrum, JIRA

EMPLOYMENT HISTORY

Fullstack Developer | Ai-Pivot (Contract)

June 2023 - Present | Bangalore

• Designed and owned Dockerized microservices-based backend APIs in Python (FastAPI/Django) with Redis caching and optimized database patterns, improving overall service scalability and reducing latency by 40% under load.
• Led migration of content-heavy pages to Next.js with SSR and media optimization, converting Figma designs into reusable components while improving SEO, Core Web Vitals, and load times for video- and image-rich pages.
• Mentored junior developers and drove code reviews to maintain code quality.
• Scaled admin-facing frontend and backend services to support high-concurrency institutional access, and integrated them with core product APIs to ensure consistent data and feature synchronization.

Fullstack Developer | Forgeahead

April 2022 - April 2023 | Remote

• Developed robust GDS frontend for Veritext using React (TypeScript) and GraphQL, reducing data fetch time by 50%
• Engineered sophisticated GraphQL query system with custom hooks, improving state management efficiency by 35%
• Designed advanced error-handling system with audit logs filtering GraphQL queries, reducing application crashes by 60%
• Implemented real-time data synchronization across multiple components, enhancing user experience for 5K+ daily users
• Drove API contract and query optimizations with backend teams, resulting in 30% faster page load times.

Fullstack Developer | Rolson

March 2020 - March 2022 | Remote

• Enhanced Form Builder, Email Builder, and Popup library for Grorapid CRM (grorapid.com), increasing user engagement by 45%
• Built interactive Form Builder with 20+ customizable templates, reducing form creation time by 70%
• Developed versatile email template creator supporting 15+ industries with automated audience management
• Created custom e-commerce platform for Statis Smart Ring (statisring.com) with Stripe integration, processing $100K+ in transactions
• Optimized backend API queries for Rolson UK stores, reducing product search time by 30% and improving customer satisfaction
• Implemented caching strategies using Redis, decreasing database load by 40%

EDUCATION

Master of Technology in AI & ML

Indian Institute of Technology, Patna
August 2023 - May 2025

Bachelor of Arts in Computer Science

The NorthCap University
April 2016 - May 2020

PERSONAL PROJECTS & ACHIEVEMENTS

• **Mac Cleaner:** Scan your system for files and clear them at bulk to regain memory
• **Single Player games:** JS and Python based games including shooting and arcade games