Vikas Tomar

MERN Stack Developer

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in LinkedIn | ◈ GitHub

PROFESSIONAL SUMMARY

Experienced MERN Stack Developer with 3+ years of expertise in building scalable web applications using MongoDB, Express.js, React.js, and Node.js. Proven track record of delivering high-quality solutions across aviation, government, and e-commerce domains. Strong problem-solving skills with experience in cloud technologies, API development, and agile methodologies.

TECHNICAL SKILLS

Frontend:
React.js, Next.js, Angular, HTML5, CSS3, JavaScript (ES6+), TypeScript, Material UI, Bootstrap

Backend:
Node.js, Express.js, RESTful APIs, Authentication, JWT

Databases:
MongoDB, MySQL, PostgreSQL, MS SQL Server

Cloud & DevOps:
AWS (EC2, S3, RDS), Docker, Git, GitHub, Bitbucket

Tools:
VS Code, Cursor, Postman, Swagger, Jira, Figma, Generative AI

Core:
DBMS, Agile, Test-Driven Development

PROFESSIONAL EXPERIENCE

Sr. Software Engineer | **Key Brains Tech Pvt. Ltd.**
Remote

March 2025 – May 2025

- Developed CloudRentalManager using MERN stack for US-based property management.
- Built scalable REST APIs with Node.js/Express.js and responsive React.js frontend components.
- Implemented MongoDB database design optimizing query performance.
- Collaborated with international clients providing daily progress updates and requirement analysis.

Jr. Software Engineer | **Netclues**
Ahmedabad, Gujarat

June 2023 – January 2025

- Contributed to FliteX aviation platform using React.js, Node.js, and PostgreSQL.
- Developed real-time dashboard components increasing user engagement.
- Integrated third-party APIs and implemented secure authentication systems.
- Worked closely with clients through daily communication and agile collaboration.

Jr. Software Engineer | **Microtechnologies India**
Bhopal, Madhya Pradesh

December 2021 – May 2023

- Built full-stack applications using React.js, Node.js, and MySQL.
- Implemented React components improving user experience and reducing page load time.
- Collaborated with cross-functional teams delivering projects on time and within budget.
- Optimized database queries and implemented responsive design principles.

KEY PROJECTS

CloudRentalManager
MERN Stack

- Tenant management system with payment integration
- Real-time notifications using Socket.io
- This web application can be access through this link.

e-GOV Portal
MERN Stack

- Government services portal for Cayman Islands
- Secure document management system
- Multi-language support implementation

FliteX Aviation Platform
MERN Stack

- Flight booking and management system
- Google Maps integration for location services
- Admin dashboard with analytics

Swadish World E-commerce
MERN Stack

- Full-featured e-commerce platform Payment gateway
- integration Inventory management system
- This web application can be access through this link.

CERTIFICATIONS

Internet Of Things (IOT) traing program - **Certificate**

Generative AI foundations program - **Certificate**

EDUCATION

Bachelor of Technology - Electrical and Electronics Engineering
Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

July 2018 – June 2022
CGPA: 8.4/10