

KARTIKEY TYAGI

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SUMMARY

Passionate Full Stack Developer with expertise in **MERN stack (MongoDB, Express.js, React, Node.js)** and **.NET Core MVC**. Skilled in building scalable web applications, RESTful APIs, and interactive UI/UX designs. Strong problem-solving abilities, database management, and cloud deployment experience. Always eager to learn and implement cutting-edge technologies to deliver high-quality software solutions.

EDUCATION

Bachelor's in Computer Science and Engineering
Panipat Institute of Engineering and Technology, Samalkha, Panipat

Graduating 2020 - 2023
7.5 CGPA

Relevant coursework: Data Structures Algorithms, Database Management Systems, Web Development, Object-Oriented Programming, Software Engineering, Computer Networks

TECHNICAL SKILLS

Frontend Technologies: React.js, JavaScript, HTML, CSS, Tailwind CSS, Bootstrap
Backend Technologies: Node.js, Express.js, .NET Core MVC, RESTful APIs
Databases: MongoDB, SQL, PostgreSQL
Version Control Deployment: Git, GitHub, Vercel, Netlify, Docker
Cloud DevOps: Azure, AWS (Basics), CI/CD Pipelines
Other Skills: Data Structures Algorithms, Object-Oriented Programming, Web Security, Authentication (JWT, OAuth)

PROFESSIONAL EXPERIENCE

Compuway InfoTech Pvt. Ltd., Jaipur, RJ: Developer
• Built and deployed scalable web apps using MERN and .NET Core MVC.
• Developed Inventory Warehouse Management systems for streamlined operations.
• Created real-time data visualizations with Chart.js, D3.js, and SQL/MongoDB.
• Integrated RESTful APIs and payment gateways for seamless transactions.
• Optimized database queries, enhancing performance and scalability.

Techmind Software, Zirakpur, Punjab: Front-End Developer Intern
• Built responsive UIs with React.js, improving UX.
• Integrated REST APIs for dynamic data handling.
• Optimized performance with lazy loading and reduced re-renders.
• Collaborated on API enhancements for seamless data flow.
• Worked with Git and Agile methodologies.
• Debugged UI issues for a smooth user experience.

PROJECTS

AI-Powered Resume Builder
Built an AI-based resume generator with automated content suggestions.

- Integrated OpenAI API for resume optimization (Node.js, React)
- Enabled PDF generation user authentication (MongoDB, Firebase)
- Deployed on Vercel with a responsive UI (TailwindCSS)

Inventory Warehouse Management System
Developed a full-stack system for stock tracking reports.

- Designed real-time dashboard with stock alerts (React, Chart.js)
- Implemented role-based authentication (JWT, Node.js, MongoDB)
- Integrated RESTful APIs for third-party compatibility