Dipanshu Verma

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SUMMARY

Full Stack MERN Developer with proven expertise in MongoDB, Express.js, React.js, and Node.js. Skilled in AWS cloud infrastructure, Docker containerization, and Kubernetes orchestration. Experienced in implementing CI/CD pipelines to automate deployment workflows. Delivers robust, scalable applications through modern development practices and DevOps methodologies.

EXPERIENCE

Full Stack Web Developer
VP Algo   **January 2024 - December 2024, Mumbai**

- Built coupon systems, automated emails, and improved UI, boosting retention by 20% and engagement by 15%.
- Optimized MySQL queries by 50% for high-frequency trading apps handling 10k+ daily transactions.
- Implemented rate-limiting mechanisms using Redis for trading APIs, blocking 2k+ malicious requests/day and ensuring 99.9% uptime during market volatility.
- Designed a distributed microservices backend with Node.js, MySQL, and AWS, optimizing API response times by 40% and supporting 50k+ monthly active users for trading platforms.

Full Stack Web Developer
Dayton Power Infra   **December 2021 - December 2023, Jodhpur**

- Spearheaded development of 5+ scalable web applications using React.js, Next.js, and Express.js, reducing client-side load time by 35% through code-splitting and SSR.
- Collaborated with cross-functional teams to design RESTful APIs, improving third-party integrations with solar monitoring systems and reducing development bottlenecks by 30%.
- Implemented secure authentication workflows using JWT and OAuth, reducing security vulnerabilities by 90% and ensuring GDPR compliance.
- Collaborated with cross-functional teams to design RESTful APIs, improving third-party integrations with solar monitoring systems and reducing development bottlenecks by 30%.
- Optimized MongoDB database performance through indexing and aggregation pipeline refinement, improving query execution by 45% for solar monitoring applications.

Frontend Developer
Koratop Music Festival   **December 2024 - December 2024, Odisa**

- Built a responsive website for Koratop Music Festival, boosting online presence and increasing ticket sales by 35%.

Full Stack Web Developer
Civil Dynamics   **April 2024 - March 2025, Odisa**

- Engineered a dynamic content management system using MongoDB, Express.js, React, and Node.js (MERN stack), significantly improving scalability and allowing for real-time updates across multiple platforms.

Frontend Developer
Raitagyana   **January 2024 - January 2025, Rajasthan**

- Developed a platform offering quality agricultural inputs and training, boosting crop yields and farmer incomes.

EDUCATION

Full Satck Web Development
Masai School • Bengaluru • 2021

Bachelor of science in Mathematics
Maharaja Ganga Singh University • Bikaner, Rajasthan • 2020

SKILLS

Frontend : React, Next.js, Redux, TypeScript, Tailwind CSS, Material-UI, Shadcn UI
Backend : Node.js, Express.js, Nest.js, REST APIs
Database : MongoDB, MySQL, Redis
Cloud/DevOps : AWS (EC2, S3), Docker, Kubernetes, CI/CD
Other : Java, DSA, GitHub, Firebase, Nodemailer, microservices, SSR