

# Akhilesh Kumar

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Immediate Joiner | On-site / Remote | Ready to relocate

## Professional Summary

Results-driven Full Stack Developer with 3+ years of experience designing and building scalable web applications using the MERN stack (MongoDB, Express.js, React.js, Node.js). Skilled at integrating REST APIs, optimizing performance, and delivering clean, maintainable code. Familiar with modern tools such as TypeScript, AWS, and Docker, with a strong understanding of both frontend and backend. Passionate about solving problems, improving user experience, and collaborating across teams to deliver impactful, high-quality software solutions.

## Technical Skills

Frontend: React.js, Next.js, JavaScript (ES6+), TypeScript, HTML5, CSS3, Tailwind CSS, Redux, Context API

Backend: Node.js, Express.js, REST APIs

Databases: MongoDB, PostgreSQL, MySQL

Cloud & DevOps: AWS (EC2, S3), Firebase, Docker, CI/CD (beginner level)

Tools: Git, VS Code, Postman, Swagger, Jira, Agile/Scrum

Other: Authentication (JWT, OAuth), GraphQL (basic), Unit Testing, Responsive Design

## Experience

Full Stack Developer | Cloud Analogy, Mohali

Feb 2022 – Jan 2025

- Designed and developed end-to-end web applications using React.js, Node.js, and Express.js.
- Created and consumed REST APIs to support real-time data operations and improve performance.
- Built reusable UI components and optimized rendering using React hooks and memoization.
- Worked with MongoDB and PostgreSQL for efficient schema design and high-volume data handling.
- Collaborated with cross-functional teams in Agile sprints to deliver high-quality features on time.
- Explored CI/CD pipelines and Docker for improving development workflows.

- Conducted code reviews, ensuring adherence to clean code principles and scalability.
- Ensured compliance with security, accessibility, and responsive design standards.

## Projects

### Insurance Management System

React.js, Node.js, Express.js, Redux, TypeScript, PostgreSQL

- Built an insurance management platform supporting policy creation, claims tracking, and analytics dashboards.
- Developed reusable components and implemented role-based authentication for user access control.
- Improved API response time by optimizing queries and backend logic for scalability.

### VIDA – Healthcare Diagnostic Tool

React.js, Node.js, REST APIs, Styled Components

- Designed and developed a dashboard for healthcare professionals to manage patient diagnostics.
- Integrated secure JWT authentication and implemented form validation for sensitive data inputs.
- Enhanced performance through lazy loading, optimized API usage, and efficient state management.

### Gallery View

React.js, Node.js, MongoDB, Ant Design

- Created a responsive gallery application enabling image uploads, previews, and categorization.
- Built backend APIs for efficient data management and metadata storage using MongoDB.
- Improved UX with smooth navigation, search filters, and optimized rendering.

## Education

### Master of Computer Applications (MCA)

National Institute of Technology, Kurukshetra | 2019 – 2022

## Key Highlights

- Delivered multiple MERN stack projects with measurable performance improvements.
- Beginner-level exposure to CI/CD pipelines and Docker containerization.
- Strong collaborator and proactive problem solver with a growth mindset.
- Recognized for writing clean, maintainable, and scalable code.
- Experienced in both frontend architecture and backend API development.