

# Pulkit Verma

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## PROFESSIONAL SUMMARY

Experienced Backend Developer skilled in Node.js and Express for designing, developing, and maintaining robust software solutions. Proficient in all stages of the software development lifecycle, with a strong ability to manage projects independently and collaborate effectively within teams.

## WORK EXPERIENCE

### 3 Technical Projects (Backend Engineer), 05/2024 - Current

#### Independently developed backend apps :-

##### E-commerce Backend App (12/2024 - current)

- Designed and built a production-style backend using Node.js, Express, and MongoDB for managing products, users, and orders.
- Developed secure JWT-based authentication and a complete checkout flow.
- Integrated Stripe for payment processing, SendGrid for transactional email alerts, and shipping webhooks for real-time tracking.
- Emphasised modular REST API architecture, validation, and logging.

##### Pinterest Clone App (09/2024 - 11/2024)

- Created a Pinterest-style image sharing app using Node.js, Express, EJS, and MongoDB.
- Implemented user sign-up/login, image uploads, and collection management.
- Focused on intuitive UX using server-side rendered pages (EJS) with responsive HTML/CSS.
- Used MVC principles and ensured robust CRUD operations.

##### Chatify App (05/2024 - 08/2024)

- Built a real-time chat platform using React.js, Node.js, Express, Socket.io, and MongoDB.
- Enabled instant messaging with WebSocket communication and persistent chat history.
- Implemented secure user authentication and a dynamic UI.
- Prioritized event-driven design and scalability.

### Organizational experience as Software Engineer, 07/2021 - 07/2023

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- Developed RESTful APIs and optimized backend performance for seamless integration and scalability.
- Utilized NoSQL databases for efficient data handling and retrieval.
- Developed a secure & robust authentication system using JWT

## TECHNICAL SKILLS

- Node JS, Express
- Database management: MongoDB, MySQL
- RESTful API development & Integration
- HTML5, CSS3
- JavaScript, EJS
- Authentication and Authorisation
- OOPs programming
- Version Control Systems: Git, GitHub
- Docker, AWS & Redis
- SDLC, JIRA, Team Collaboration

## CERTIFICATIONS

- The Complete Web Developer Bootcamp on Udemy (**08/2023 - 04/2024**)

## EDUCATION

**B.Tech : Civil Engineering, 2019**  
**Swami Keshvanand Institute of Technology - Jaipur**

## PROJECT PORTFOLIO

<https://github.com/Pulkitverma75>

- tokens that ensured user access, user privacy and data security.
- Built APIs for user auth, vehicle management, and secondary user roles by primary user with authentication.
  - Designed and integrated a secure & efficient payment gateway using Razorpay to facilitate subscription-based services for the platform.
  - Used Jest and Postman for API testing and quality assurance.
  - Scheduled automated tasks using CRON jobs for operational efficiency.
  - Developed live fleet tracking and monitoring features for client vehicles.
  - Applied rate limiting to prevent abuse and maintain system stability.
  - Utilized Redis for caching and session handling to boost performance.

## LANGUAGES

**Hindi:** First Language

**English:** C2



Proficient