

# MANISH KUMAR

Software Engineer

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## SUMMARY

Software Engineer with 4.3+ years of experience building scalable web applications and modern frontend systems. Strong expertise in React.js, JavaScript (ES6+), Redux, and Web Application Development, along with backend experience in FastAPI, Node.js, and REST APIs. Hands-on experience working on agentic AI platforms, vector database integrations, and AI-assisted development workflows. Skilled in building reusable UI components, optimizing performance, and delivering high-quality software in fast-paced environments.

## EXPERIENCE

### Software Engineer

[teQmavens](#)

Panchkula  
09/2021 - 02/2024

Software engineering firm focused on developing comprehensive web solutions

- Developed full-stack features using Laravel, CodeIgniter, CakePHP, and MERN stack
- Built and maintained REST APIs following MVC architecture
- Built a payment collection system integrated with Xero and 52+ gateways for seamless financial processing
- Worked on database design and query optimization for better performance
- Debugged production issues and improved existing system stability
- Collaborated with team members to deliver client requirements
- Created a tile estimation tool for deck areas, with dynamic frontend interaction and robust backend logic

### Software Engineer

[Tru](#)

Mohali  
05/2024

Innovative tech company focused on implementing cutting-edge solutions for various industries

- Implemented backend APIs using FastAPI to support AI-driven workflows
- Integrated vector database for efficient retrieval and data handling in AI systems
- Contributed to building agent execution logic, enabling task-based AI workflows
- Developed and enhanced frontend features using React.js and Next.js
- Integrated GraphQL APIs and Contentful CMS into frontend applications
- Built reusable UI components and improved application performance
- Debugged issues, fixed production bugs, and ensured system stability
- Participated in code reviews and testing to maintain code quality
- Used AI-assisted tools (Cursor, Claude CLI, Gemini CLI) to speed up development and debugging
- Collaborated with team members to deliver features in a fast-paced environment

## PROJECT EXPERIENCE (SELECTED WORK)

### Agentic AI Platform (Internal – Tru)

Date period  
Location

Short summary of your work

- Implemented Fast API-based backend APIs
- Integrated vector database for AI retrieval workflows
- Contributed to agent execution and task handling logic

### Othaim Markets (E-commerce)

Date period  
Location

Short summary of your work

- Developed frontend features using Next.js and GraphQL
- Integrated CMS (Contentful) for dynamic content rendering
- Optimized UI performance for high-traffic usage

### Maxel Tracker Dashboard

Date period  
Location

Short summary of your work

- Built frontend components and handled data visualization
- Built backend logic for dashboard and its tracking modules
- Implemented CRUD operations and optimized MongoDB queries

PROJECT EXPERIENCE (SELECTED WORK)

Sobeys

Date period  
Location

Short summary of your work

- Implemented backend APIs and integration layers for AI-based workflows
- Assisted in improving system performance and reliability
- Worked on feature-level enhancements and bug fixes

TECHNICAL SKILLS

Frontend: React.js, Next.js, Redux, JavaScript (ES6+), HTML5, CSS3

Backend: FastAPI, Node.js, Express.js, PHP (Laravel, CodeIgniter, CakePHP)

Databases: MongoDB, MySQL, Vector Databases

Developer Tools: Git, Webpack, Babel, NPM, AWS

AI Development Tools: Cursor IDE, Claude CLI, Gemini CLI, Antigravity, OpenCode CLI

Other: GraphQL, Contentful CMS, Sitefinity CMS, Blockchain Integration

Concepts: MVC Architecture, REST APIs, Performance Optimization, Unit Testing

EDUCATION

BCA

Swami Vivekanand Institute of Engineering and Technology

Banur  
08/2018 - 08/2021

STRENGTHS

Teamwork

Strong collaboration skills with a proven ability to work across diverse teams and deliver results under tight deadlines

Effective Time Management

Proficient at managing time to meet project deadlines through prioritization and organization

Communication Skills

Exceptional communication skills that facilitate clear and efficient dialogue with team members and stakeholders

LANGUAGES

English (Native) Hindi (Native) Punjabi (Native)