ANKTI YADAV

FULL STACK DEVELOPER

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ABOUT ME

Full Stack Developer with 2+ years of hands-on experience working on live production projects. Strong expertise in backend development using Node.js, Express.js, and REST APIs, along with frontend development using React.js, Next.js, and modern CSS frameworks. Currently working on an AI-based application involving chat and code generation. Experienced in building education management systems, admin panels, dashboards, and solving real-world technical problems. Actively supports team members by resolving doubts and improving overall code quality.

EDUCATION

2025 – Present
Manipal University

Bachelor of Computer Applications (BCA)
Currently pursuing Bachelor of Computer Applications with a focus on computer fundamentals, programming, and application development.

2022
Akshaya Education
Sen. Sec. School

Senior Secondary (12th – Agriculture Stream)
Completed higher secondary education with specialization in Agriculture.

EXPERIENCE

Backend Developer (AI Project)

2025 – Present

CodeAstra

- Currently working on a live AI-based platform focused on chat-based assistance and automated code generation.
- Implementing backend logic for AI model integration using secure API keys.
- Designing and managing API request–response flow for AI chat and code generation features.
- Handling issues related to invalid prompts, slow responses, API failures, and improving system stability.
- Working on error handling, response formatting, and improving reliability of AI outputs.
- Collaborating with team members to test features and enhance overall application performance.

Backend Developer

2024 – 2025

Intellix360

- Worked on a complete Education Management System used by students, employees, and administrators.
- Backend Responsibilities & Modules:
- Developed and maintained backend APIs using Node.js and Express.js for a scalable application.
- Worked on the Academics Section, managing:
- Courses, subjects, batches, and sections
- Student academic records and related data
- Implemented the Leads Section, where:
- Employee progress was tracked
- Queries raised by employees were handled logically
- Built the Accounts Section, handling:
- Student fees management
- EMI schedules and payment records
- Attendance-based employee salary calculation
- Developed the Notification & Advertisement Section for:
- Student notifications and announcements

- School banner and advertisement management
- Implemented the Expense Section to track and manage organization expenses.
- Designed and optimized Dashboard APIs to display:
- Student details
- Employee details
- Financial summaries (fees, salaries, expenses)
- Integrated backend APIs with frontend applications and resolved production-level issues such as data mismatch, incorrect calculations, and API failures.
- Actively helped teammates by solving backend doubts, reviewing API logic, and assisting in debugging complex issues.

Frontend Developer (Project-Based)
2023 – 2024
Maya & Brain Bucks

- Worked on frontend development for a live education platform (Brain Bucks).
- Frontend Responsibilities & Work:
- Developed and maintained key sections such as:
- Class Profile
- Section Settings
- Built fully responsive web applications using:
- HTML, CSS, Bootstrap, Tailwind CSS
- JavaScript, React.js, Next.js
- Used Redux for state management and handled issues like:
- State not updating correctly
- Data inconsistency between components
- Fixed reducer logic and improved store structure
- Integrated frontend components with backend APIs for dynamic data rendering and real-time updates.
- Solved UI/UX problems including:
- Form validation errors
- Layout breaking on different screen sizes
- Performance issues caused by unnecessary re-renders
- Improved overall UI/UX by optimizing layouts, forms, and user interactions.
- Fixed UI bugs, ensured cross-browser and device compatibility, and supported teammates by helping resolve frontend issues and clearing doubts.

TECHNICAL SKILLS

Frontend

- HTML, CSS
- Bootstrap, Tailwind CSS
- JavaScript
- React.js, Next.js
- Redux

Backend

- Node.js
- Express.js
- REST APIs

Database

- MongoDB
- PostgreSQL
- SQL

Tools & Platforms

- Git
- GitHub
- Docker

PROJECT HIGHLIGHTS

Education Management System

- Academics Management
- Leads & Employee Progress Tracking
- Accounts (Fees, EMI, Salary)
- Notifications & Advertisements
- Expense Management
- Admin Dashboard

AI Chat & Code Generation Platform

- AI model integration
- Chat-based interactions
- Code generation logic
- Error handling & optimization

SOFT SKILLS

- Strong problem-solving ability
- Team collaboration & communication
- Helping teammates and resolving doubts
- Debugging & analytical thinking
- Adaptability to new technologies

LANGUAGES

- Hindi
- English