

SHIV KUMAR OJHA

Full Stack Developer

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PROFESSIONAL SUMMARY

Full Stack Developer with hands-on experience building end-to-end web applications using **React.js, Next.js, Node.js, Express.js, Prisma, PostgreSQL, Auth.js / Better Auth, Zustand, REST APIs, and webhook-based integrations**. Skilled in implementing complete application flows across frontend screens, backend APIs, authentication, database models, payment-flow simulation, mock banking APIs, transaction handling, and API integrations.

Worked on product-style projects including **AIExp**, an AI-powered problem-solving chat application with authentication, payment flow, Google AI SDK integration, and webhook handling, and **PayIt**, a Paytm-like digital payment system clone with user/merchant modules, mock banking APIs, transaction tracking, and webhook-based payment status updates.

TECHNICAL SKILLS

Frontend	React.js, Next.js, Zustand, Tailwind CSS, shadcn/ui, Aceternity UI, HTML5, CSS3
Backend	Node.js, Express.js, REST APIs, Webhooks, Authentication Flows, Auxiliary Backend Services
Database / ORM	PostgreSQL, Prisma ORM
Authentication	Auth.js, Better Auth, Login/Signup Flows, Protected Routes
Languages	JavaScript, TypeScript
Integrations	Google AI SDK, Mock Banking APIs, Payment Flow Simulation, API Integration
Tools	Git, GitHub, Linux/Ubuntu, Neovim

PROJECTS

AIExp - AI-Powered Problem Solving Chat App

Tech Stack: React.js, Zustand, Tailwind CSS, shadcn/ui, Aceternity UI, Express.js, Prisma, PostgreSQL, Auth.js, Google AI SDK, Webhooks

Built a full-stack AI-powered chat application that allows users to ask questions in simple language, continue follow-up conversations, and receive concise problem-solving responses.

- Developed the frontend using React.js, Zustand, Tailwind CSS, shadcn/ui, and Aceternity UI.
- Implemented Zustand for global state management across chat flow, user session state, and UI interactions.
- Built backend APIs using Express.js, Prisma, and PostgreSQL for users, chat history, authentication data, and payment-related records.
- Integrated Auth.js for authentication and Google AI SDK for AI-powered response generation.
- Implemented webhook handling to capture and store payment-related details with structured API-driven flows.

PayIt - Paytm-like Digital Payment System Clone

Tech Stack: Next.js, Tailwind CSS, shadcn/ui, Auth.js / Better Auth, Express.js, Prisma, PostgreSQL, REST APIs, Webhooks, Mock Banking APIs

Built a Paytm-like full-stack digital payment system clone with user and merchant sections, authentication, mock banking APIs, transaction flows, and webhook-based payment status tracking.

- Developed user and merchant interfaces using Next.js, Tailwind CSS, and shadcn/ui.
- Implemented authentication using Auth.js / Better Auth for secure user and merchant access.
- Designed backend services using Express.js, Prisma, and PostgreSQL to manage users, merchants, transactions, and payment records.
- Created mock banking APIs to simulate payment initiation, transaction processing, and payment status updates.
- Implemented webhook-based payment status handling to simulate bank/payment updates and sync transaction records.
- Structured the project with frontend, backend, auxiliary services, and mock banking APIs to simulate real-world payment architecture.

ADDITIONAL TECHNICAL EXPERIENCE

- Built full-stack application flows involving frontend, backend, database, authentication, and API integration.
- Worked with REST APIs using Express.js and integrated PostgreSQL databases using Prisma ORM.
- Implemented authentication flows, protected routes, and webhook-based integrations for transaction/payment updates.
- Used Zustand for global state management and Tailwind CSS/component libraries for functional responsive interfaces.
- Used Git and GitHub for version control and worked in Linux/Ubuntu-based development environments.

EDUCATION

PG Diploma in Computer Application