





SHIVAM PARKAR

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Education

MGM College of Computer Science and Information Technology

Navi Mumbai

B.Sc in Information and Technology

2018 – 2021

- **Project:** Built a server with Raspberry Pi using Node.js to host a static website.

Experience

Koqsu Technolab (Suzlon)

Pune

Consultant Software Developer

October 2024 – December 2024

- Worked on the 'Protocol Violation' project handling front-end with React.js and back-end with .NET Core.
- Developed a workflow system for turbine issues:
 - * Site engineers validate issues between 8 AM and 2 PM; tickets escalate if unresolved.
 - * Created a C# SMTP program sending automated reminders and alerts to ensure deadlines are met.
 - * Designed .NET Core APIs with ADO.NET for data retrieval and business logic.
 - * Implemented role-based ticket validation and escalation workflow maintaining operational safety.
- **Tech stack:** React.js (Material UI, Redux, custom hooks), .NET Core (Dependency Injection), Authentication microservice.

Corporate Hunt (Hitachi Payment-Service)

Mumbai

Software Developer (Contract)

Jan 2024 – Sep 2024

- Developed an ATM management dashboard using React.js and PrimeReact.
- - * Implemented key UI components and navigation with React Pro Sidebar.
 - * Used React Router and Redux for routing and state management.
 - * Created custom hooks for consistent API calls.
 - * Consumed .NET 6 Core REST APIs for real-time ATM fault monitoring.
 - * Automated alerting vendors on ATM faults with escalation tracking.
- **Tech stack:** React.js, PrimeReact, Redux, React Router, Custom Hooks, .NET 6 Core, REST API

Inquizity

Mumbai

Software Developer

April 2022 – Jan 2024

Inquizity specialized in supply chain allocation solutions

- Worked and enhanced core product (SNOP) through new features and stored procedures.
- **GCPL Gaum Supply Planning Project:**
 - * Built using ASP.NET WebAPI and MS SQL Server.
 - * Implemented data validation and Excel sheet integration.
 - * Optimized stored procedures for data handling.
 - * Automated model execution with simplified UI.
- **Hindalco Supply Workflow System:**
 - * Created Angular front-end and .NET Core 3 backend with ADO.NET.
 - * Managed quotation creation and approval workflows.
 - * Developed backend logic and stored procedures for workflow state management.
 - * Implemented Excel import/export features.

MCF Project:

- Developed an offline supply chain portal deployed via IIS on a local server.
- Users accessed the portal through the same IP address on the local network.
- Implemented core functionalities without internet hosting, ensuring reliable local access.

Personal Projects

DashBoard-API GitHub

- Full-stack employee management backend with payroll, attendance, and leave workflows.
- JWT authentication with role-based access control.
- Clean architecture using Dependency Injection and modular folder structure.
- Supports CRUD for employees, payroll processing, attendance, and leave management.
- **Tech stack:** ASP.NET Core 8, C#, JWT, EF Core, SQL Server.

Admin Dashboard GitHub — Live Demo

- Responsive admin dashboard built with React, TypeScript, MUI, and custom SCSS.
- Dynamic data visualizations with Recharts and server state management using React Query.
- Global dark/light theme toggling with Context API and hooks.
- Client-side routing with React Router v6 including nested and protected routes.
- Reusable UI components including Navbar, Menu, Footer, and MUI DataGrid.
- Deployment on GitHub Pages using Vite and gh-pages.
- TypeScript for type safety and ESLint for code quality.

Reservation UI GitHub — Live Demo

- User-friendly reservation interface with seamless navigation and notifications.
- Built with React 18, Vite, React Router DOM v7, React Toastify, and React Date Range.
- API calls via Axios and UI enhanced with FontAwesome icons.
- Custom React hooks and context for state management and reusability.

Reservation API GitHub — Live API

- RESTful backend API for reservation management with authentication and multiple entity support.
- Node.js, Express, and MongoDB with Mongoose schema validation.
- JWT authentication, bcrypt password hashing, and secure cookie management.
- Middleware includes CORS, cookie-parser, JSON parsing, and centralized error handling.
- Modular routing for auth, users, hotels, rooms, and flights.
- Deployed on Railway for scalable backend service.

Ping (Client) GitHub — Live Demo

- Real-time chat app using React, Zustand for state management, React Router, and WebSocket for live messaging.
- Integrated WebRTC for peer-to-peer video calling with backend signaling.
- Supports image sharing, private and group chats with dynamic UI updates via custom hooks.
- Authentication management, notifications, and efficient socket initialization implemented.

Ping API (Chat Backend) GitHub — Live API

- Backend API for real-time chat app built with Node.js, Express, and MongoDB with Mongoose.
- JWT authentication, bcrypt password hashing, and secure routes via middleware.
- Socket.IO for WebSocket communication enabling real-time messaging and events.
- File uploads (images) with Multer, CORS configuration, and token verification for security.
- Integrated WebRTC signaling via Socket.IO to support peer-to-peer video calls.
- Deployed on Render with user, auth, and chat routes supporting client app.

Technical Skills

Languages/Frameworks:

- **Frontend:** JavaScript, React.js, Redux, React Router, Context API, HTML5, CSS3
- **Backend / .NET:** C#, .NET Core, ASP.NET Web API, Entity Framework, ASP.NET MVC
- **Database:** MS SQL, Database Design

Developer Tools:

- Visual Studio Code
- SQL Server Management Studio (SSMS)