

# Abhay Singh

Full Stack Developer | JavaScript • React • .NET

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## Professional Summary

Frontend Developer with 4+ years and Full Stack Developer with 1+ years of experience in building scalable, performance-driven web applications. Experienced with JavaScript ecosystems including React.js, Redux Toolkit, and robust backend systems using .NET Core and Entity Framework. Proven expertise in secure API integrations, component-based architecture, Agile methodologies, and DevOps practices.

Skilled in cross-functional team leadership, CI/CD pipelines, JWT-based authentication, and real-time data solutions. Currently contributing to enterprise platforms like Freelancer Management System (FMS) and Project-Based Hiring (PBH), with a strong focus on performance optimization, user-centric design, and system scalability.

## Technical Skills

Frontend: JavaScript (ES6+), React.js, Next.js, Redux Toolkit, HTML5, CSS3, SCSS, Bootstrap CSS, React Router, React Query

Backend: .NET Core, C#, Entity Framework, REST API, JWT Auth, LINQ

DevOps & Tools: Git, Postman, Visual Studio, VS Code, Jira, GitHub, IIS, GitHub Actions

Others: Firebase Auth, Axios, Websockets, WebRTC, JWT Authentication, OAuth2, Role-based access control, Form validations, Figma-to-React conversion

Methodologies: Agile, Scrum

Testing & Performance: Unit Testing (Jest, xUnit), Lazy Loading, Code Splitting, React.memo, useCallback

Deployment: IIS, Vercel, GitHub Pages

## Professional Experience

### Frontend Developer – Freelancer Management System (FMS)

Straive, Chennai | August 2021 – Present

- Led a frontend team of 3 developers to deliver an enterprise-level Freelancer Management System using React.js and Redux Toolkit.
- Built scalable modules with dynamic forms, filtering, file uploads, and reusable UI components.
- Integrated Google Sign-In using Firebase Authentication and managed session state using browser cookies.
- Configured Axios instances with interceptors for standardized API communication and error handling.
- Applied lazy loading and code splitting using React Suspense and dynamic imports to enhance app performance.
- Implemented routing, nested routes, and protected routes using React Router.
- Conducted performance audits using Chrome DevTools and optimized component rendering using React.memo and useCallback.
- Collaborated with cross-functional teams using Figma and Swagger to align on design and API contracts.

## Full Stack Developer – Project-Based Hiring (PBH)

Straive, Chennai | December 2024 – Present

- Developed RESTful backend services using .NET Core and Entity Framework for employee and project lifecycle management.
- Designed and implemented SQL Server database schemas and created entities for project, user, and client data models.
- Structured services using repository and service layer patterns to ensure separation of concerns and maintainability.
- Implemented JWT-based authentication and role-based access control for secure login and data authorization.
- Built dashboard components in React to display hiring pipelines, allocation status, and project mappings.
- Led deployment pipeline setup with IIS and handled release documentation, versioning, and error log monitoring.

## Education

Bachelor in Computer Applications (BCA) – 2016–2019

Master in Computer Applications (MCA) – 2019–2021

Lovely Professional University, Jalandhar