

CHETAN GOYAL

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SUMMARY

Results-driven Full Stack Developer with 2+ years of experience in designing, developing, and deploying scalable web applications. Proven expertise in .NET Core, React.js, and Node.js. Adept at leading end-to-end projects, optimizing backend APIs, and integrating modern solutions like Generative AI and real-time services to enhance user engagement and system efficiency.

EDUCATION

Malaviya National Institute of Technology Jaipur, Rajasthan
Bachelor of Technology: Metallurgical and Materials Engineering 2019 - 2023

EXPERIENCE

PRODUCT ENGINEER July 2025 – Sept 2025
SMART ENERGY WATER

- Enhanced the **base product** by developing reusable components and APIs using **React.js**, **.NET Core**, and databases like **PostgreSQL**, **SQL Server**, and **MongoDB**.
- Delivered end-to-end solutions for **2 client projects**, implementing both frontend and backend features along with **task schedulers** for automated API integrations.

SOFTWARE ENGINEER July 2023 – June 2025
QBURST

- Led the end-to-end development of a scalable **Inventory Management System** using **React.js**, **.NET Core**, and **PostgreSQL**, improving workflows and reducing manual overhead by **35%**.
- Designed and implemented **JWT-based secure authentication** with **Google Sign-In** and role-based access control for over **2,000 active users**.
- Engineered and optimized over **40+ backend APIs** using **C#**, **LINQ**, and relational databases for modules including announcements, polls, and inventory, increasing data processing efficiency by **30%**.
- Integrated **Firebase Cloud Messaging (FCM)** to deliver **real-time push notifications**, improving user engagement by **28%**.
- Delivered features such as **SignalR-based real-time chat**, **Generative AI-powered feedback summaries**, and containerized deployments via **Docker Compose** and **Azure**.

WEB DEVELOPMENT INTERN April 2022 - May 2022
3EDGE TECHNOVISION

- Redesigned and enhanced an existing website, improving load time by **20%** and user engagement by **15%**.
- Developed a responsive front-end web application using **HTML/CSS** and **JavaScript**, ensuring seamless performance across devices.

PROJECTS

Social Media Application

- Developed a social media web app with ReactJS at client-side and Node.js at server-side.
- Implemented Authentication using Google OAuth and JWT.
- Users can create posts, edit and delete posts (CRUD) and they can also like and comment on other user's posts.
- Implemented Pagination and Title and Tag Searching feature and deployed the application on Heroku.
- Technologies Used: **ReactJS**, **Node.js**, **Express.js**, **MongoDB**, **Redux**, **Material-UI**.

TECHNICAL SKILLS

Frontend: React.js, Angular 18, Vue.js, JavaScript, TypeScript, HTML5, CSS3, Tailwind CSS, Redux, Material-UI

Backend: .NET Core, Node.js, Express.js, C#, Entity Framework, Microservices, SignalR, LINQ

Databases: PostgreSQL, SQL Server, MongoDB

Cloud/DevOps: Azure (Functions), AWS (Cognito, S3), Docker, Git, GitHub, Heroku

Languages: C#, JavaScript, TypeScript, C, C++, Python (Beginner), Java (Beginner)

Concepts: Data Structures Algorithms, OOP, System Design (Basic), DBMS, Operating Systems, Figma