

Ajaykumar Nishad

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EXPERIENCE

Assistant System Engineer Tata Consultancy Services (TCS)	Aug 2024 – Oct 2025 Thane, Maharashtra
<ul style="list-style-type: none">Worked on production-level applications, analyzing 150+ issues and implementing code-level fixes in .NET, Reactjs and PL/SQL to enhance application stability and performance.Resolved critical production issues, enhanced system stability, minimized downtime, and improved client satisfaction by automating fixes where possible.Led the development and management of 10+ products of Health Insurance and focused on backend functionality and system architecture.Collaborated with backend teams to integrate Restful APIs and enhance data-driven UI components.Enhanced application reliability through robust exception handling, input validation, and MVC architecture for maintainable and scalable code.Resolved the Production issue by optimizing the relational database schema with foreign key constraints to enforce data integrity and improve query performance.	

TECHNICAL SKILLS

Languages: C/C++, JavaScript, Typescript

Frontend: React.js, AngularJS, HTML5, CSS3, Tailwind CSS, Bootstrap, Chakra UI, SCSS

Backend: Node.js, Express, Prisma, Socket.IO, JWT

Databases: PL/SQL, MongoDB, SQL Server

Tools: Git, GitHub, Netlify, Firebase, Vitejs, Postman

Other: Responsive & Adaptive Web Design, API Integration, REST API

PROJECTS

Real Estate Web Application [GitHub]

React.js, Node.js, Express, MongoDB, Prisma, Zustand, Socket.IO

- Built a **full-stack real estate platform** where users can browse, list, and save properties.
- Implemented **JWT-based authentication** with secure login/registration and role-based access.
- Designed property detail pages with pricing, images, amenities, and integrated maps for location view.
- Added wishlist functionality with **optimistic UI updates** and persistent storage using **Prisma ORM**.
- Developed a **real-time chat system** with Socket.IO to connect buyers and sellers instantly.
- Utilized **Zustand** for state management and optimized backend APIs with Express + Prisma for scalable CRUD operations.

WatchHub [Live]

React.js (with Vite.js), Tailwind CSS, Firebase, Netlify, TMDB API

- Developed **WatchHub**, a Netflix-inspired streaming platform with responsive UI and smooth user experience.
- Implemented **user authentication and registration** using Firebase for secure account management.
- Built **Add-to-Favourites** functionality enabling personalized movie tracking.
- Integrated the **TMDB API** to fetch real-time movie and TV show data with Axios.
- Deployed the application on **Netlify** for fast and reliable hosting.

EDUCATION

Terna Engineering College

Aug 2020 – June 2024

B.E. in Computer Engineering (CGPA: 8.16 / 10.00)

Nerul, Navi Mumbai

- Relevant Coursework:** Data Structures and Algorithms, DBMS, Operating Systems, Computer Networks, Object-Oriented Programming (OOP)