

Ajaykumar Nishad

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EXPERIENCE

Assistant System Engineer

Aug 2024 – Oct 2025

Tata Consultancy Services (TCS)

Thane, Maharashtra

- 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)