

Arth Patel

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PROFILE

Full-stack web developer with 1.5+ years of experience building scalable web applications. Skilled in designing REST APIs, optimizing database queries, and creating clean, responsive UIs. Passionate about performance, reliability, and delivering end-to-end solutions.

PROFESSIONAL EXPERIENCE

Software Developer , Rayo Innovations PVT. LTD.	Jul 2024 – Present Ahmedabad
<ul style="list-style-type: none">Developed large-scale CMS, website modules, and backend systems using Next.js, React.js, Node.js, and Express.js with Typescript.Built a complete music-streaming and content-management platform with advanced automation using BullMQ for SMS and email journeys.Implemented secure authentication using Google OAuth and Apple OAuth, improving login reliability and user session stability.Implemented a multi-payment ecosystem (Card, Apple Pay, Google Pay, Klarna, iOS/Android in-app transactions), enabling fully automated earnings reporting and reducing manual finance work by over 80%.Created custom CRON jobs for media optimization, reducing image/video size and improving performance by up to 40%.Managed deployments on AWS, PM2, and Nginx to maintain stable, scalable production environments.	
Software Developer Trainee , Rayo Innovations PVT. LTD.	Feb 2024 – Jun 2024 Ahmedabad
<ul style="list-style-type: none">Developed reusable frontend components using React.js and Angular, improving development consistency and scalability.Built a CMS panel and custom Ad Manager with Redis-based caching, enabling the system to handle 200k+ requests/day.Designed efficient backend APIs using caching strategies and optimized data-fetching techniques.Implemented Sentry monitoring to track errors and performance issues, improving application stability.	
Frontend Web Developer Associate , Trakky Techno Service PVT. LTD.	Jul 2023 – Oct 2023 Ahmedabad
<ul style="list-style-type: none">Contributed to diverse web development projects, utilizing React, Tailwind, and Material UI.Collaborated effectively within cross-functional teams, delivering high-quality code.Demonstrated proficiency in responsive design principles.Engaged in agile development practices, enhancing problem-solving skills.	

EDUCATION

B.E. Computer Engineering , L. J. Institute of Engineering and Technology CGPA: 8.86	2021 – 2025 Ahemdabad
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SKILLS

Frontend: Next.js, React.js, Redux, MobX, Tailwind, Shadcn, Material UI, Responsive UI, Component Architecture

Backend: Node.js, Express.js, BullMQ, CRON Jobs, Authentication & Authorization (JWT, OAuth)

Database: MongoDB, Mongoose, PostgreSQL, MySQL, Prisma, Redis, Schema Design, Aggregations, Query Optimization

Tools & Integrations: Stripe Payments, Sentry Monitoring, Image/Video Optimization, Git

PROJECTS

Organization Management System

- Built a system to manage departments, teams, projects, tasks, and grievances.
- Added secure **role-based access control** for employees and admins.
- Implemented project and task tracking with priorities and status updates.
- Implemented Trello-like **Kanban views** for tasks and grievances with **live updates using Socket.io**.
- Developed a confidential grievance submission and resolution flow.

Teck Stack: React | Shadcn | Node Js | Express Js | Socketio | MongoDB |

MovieSaga - A Movie Rating Website

- Enabled users to seamlessly rate and comment on movies, fostering an engaging community around film appreciation.
- Implemented secure user authentication with **JWT**, providing a reliable and personalized experience through Login/Signup functionality.
- Integrated a **Wishlist feature**, empowering users to curate and manage a personalized list of must-watch movies for future reference.

Skills: React | Material UI | Django Rest Framework | JWT Authentication | Postgres SQL

ChitChat - Real Time Chat App

- Implemented core features, including **real-time chatting**, one-to-one chat functionality, and **group chat** capabilities.
- Integrated **Live Notification** feature to keep users informed and connected, enhancing the overall user experience.
- Ensured secure user interactions with robust authentication using **JWT**, maintaining data integrity and user privacy.

Skills: React | Chakra UI | Express Js | Socket.io | Node Js | MongoDB

CERTIFICATES

Exploratory Data Analysis for Machine Learning  (IBM)

Machine Learning with Python  (IBM)

HTML, CSS, and Javascript for Web Developers  (The Johns Hopkins University)

Data Structure  (University of California, San Diego)

LANGUAGES

English | Gujarati | Hindi