

AJAY PATIL

SOFTWARE ENGINEER

CONTACT

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EDUCATION

Gujarat Technological University

Bachelor's Degree in Computer engineering
2017-2020

Gujarat Technological University

Diploma in Computer Engineering
2014 – 2017

SKILLS

Frontend Development:

- JavaScript
- React.js
- Next.js
- TypeScript
- Material-UI
- Redux / Context API (State Management)
- React Hooks

Backend Development:

- Node.js
- NestJS
- Express.js
- RESTful APIs
- WebSockets

Databases:

- MongoDB
- MySQL
- PostgreSQL
- DynamoDB
- SupaBase

Version Control: Deployment & DevOps:

- Git
- GitHub / GitLab / Bitbucket
- AWS (EC2, S3, Lambda)
- DigitalOcean
- CI/CD (GitHub Actions, Jenkins)

PROFILE

Dedicated Full-Stack Developer with 4 Years of Expertise, A highly skilled full-stack developer with 4 years of experience in designing, developing, and maintaining robust, scalable, and efficient web applications. Proficient in modern technologies like React, Node.js, Next.js, and TypeScript, with strong capabilities in both frontend and backend development. Adept at problem-solving, optimizing performance, and delivering high-quality, client-focused solutions. A collaborative team player committed to continuous learning and staying updated with the latest technologies in the rapidly evolving software landscape.

WORK EXPERIENCE

Full stack Developer

Globalia Soft LLP | Oct 2021 - Present

- Frontend & Backend Development:** Worked on client-based service projects, developing and maintaining web applications using React for the frontend and Node.js for the backend. Built reusable, modular UI components and implemented state management using React's built-in state or Redux.
- API & Database Integration:** Designed and developed robust RESTful APIs to facilitate communication between frontend and backend systems, integrating databases like MongoDB, PostgreSQL, or MySQL for efficient data storage and retrieval.
- Deployment & DevOps:** Deployed projects on cloud platforms such as AWS (EC2, S3) and DigitalOcean, ensuring scalable and efficient application performance.
- Live Project Management:** Worked on live projects, pushing code daily to Git repositories for continuous integration and smooth team collaboration.
- Project Management Tools:** Used tools like Jira and Zoho to track project progress, manage tasks, and meet deadlines efficiently.
- Client Communication & Collaboration:** Regularly communicated with clients to gather requirements and provide updates, while collaborating with cross-functional teams to deliver high-quality, client-focused solutions.

Web developer

Goldenmace IT solu. | Sept 2020 - Jul 2021

- Developed high-performance web applications using JavaScript, React, and Node.js.
- Created responsive user interfaces in collaboration with UI/UX designers.
- Wrote maintainable code in HTML, CSS, and JavaScript for interactive web pages.
- Implemented front-end frameworks like React and Angular to enhance user experience.
- Developed server-side applications with Node.js and PHP, integrating MySQL and MongoDB.
- Implemented RESTful APIs for seamless frontend-backend communication.

Software Developer(Internship)

T-SQUARE Info tech | Full-time Aug 2019 to Jan 2020

- During Internship, I gained hands-on experience in developing applications using various programming languages, including Android, PHP, and MySQL. I worked on applying my knowledge to create and deploy several projects, focusing on end-to-end development processes. This involved building dynamic applications using Android for mobile development, PHP for backend server-side scripting, and MySQL for database management.

PROJECT

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1) Baggage Taxi - Comprehensive Luggage Storage and Management Solutions

Link:- <https://www.baggagetaxi.com/>

Role:- Full Stack Developer

Description:

Contributed to the development of Baggage Taxi, a comprehensive platform for luggage storage and management, enhancing travel logistics with services such as airport luggage handling, high-value item storage, and premium porter services.

Key Contributions:

- Admin Panel Development: Designed and implemented features using NEXT-JS for task assignment, vehicle management, booking and payment tracking, and real-time driver location tracking.
- Driver Application: Led the backend development using NestJS, implementing role-based authentication, task management, baggage check-in/check-out workflows, and real-time location updates.
- Partner Application: Developed both backend (NestJS) and frontend (React Native) functionalities, enabling hotels and resorts to manage customer bookings and provide VIP services.
- Customer Application: Created a user-friendly interface for booking management, live driver tracking, secure payment processing, and notification management, ensuring seamless customer interactions.

2) DDSHARED - HIPAA-Compliant Data Sharing Platform for Healthcare

Link:- <https://ddshared.com/>

Role:- Backend Developer

Description:

Contributed to DDSHARED, a HIPAA-compliant data sharing platform for healthcare, facilitating secure exchange of sensitive medical information among healthcare providers, patients, and authorized parties with advanced data protection measures.

Key Contributions:

- File Management & Secure Sharing: Implemented functionality for file uploads, updates, retrievals, and secure sharing with password protection and link expiration.
- Role-based Authentication: Developed a role-based authentication system for managing user access levels, ensuring data privacy and security.
- Subscription-based Storage: Created a flexible subscription model allowing users to access storage capacities tailored to their needs.
- Landing Page & Demo Functionality: Designed a user-friendly landing page with React, enabling potential customers to request demos and explore the platform.
- AWS Deployment & Security: Deployed the platform on AWS, managing resources and utilizing S3 for secure data storage, ensuring compliance with HIPAA standards.

3) Dental 3D Services

Link:- <http://dental3dservices.us>

Role:- Full Stack Developer

Description:

Developed Dental 3D Services, a comprehensive online case sharing platform for healthcare that simplifies the sharing of medical cases between doctors and patients. The platform allows admins to manage doctors and patients while securely sharing case files and DICOM files in a cloud-based system.

Key Contributions:

- Full-Stack Development (Next.js): Built the platform from scratch using Next.js, integrating both frontend and backend functionalities for seamless user interactions.
- Database Management (AWS DynamoDB): Implemented AWS DynamoDB for managing case-related data, ensuring fast and secure access to patient records and shared files.
- File Management and Sharing: Developed a robust file management system with secure uploads to AWS S3, enabling real-time collaboration among doctors and patients.
- DICOM Viewer: Created a DICOM file viewer, allowing doctors to open, view, edit, and share .dcm files directly on the platform.
- Role-Based Authentication: Implemented role-based access control to safeguard sensitive healthcare data during sharing between admins, doctors, and patients.
- Firebase Notifications: Integrated real-time notifications using Firebase to alert users about shared or updated files and cases, enhancing collaboration.
- Hosting on AWS EC2: Deployed the project on AWS EC2, ensuring scalability, security, and optimized performance for users.

4) Cayuse

Link:- <https://cayuse.com/>

Role:- Front-End Developer

Description:

Contributed to Cayuse, a cloud-based research platform that empowers organizations to manage globally connected research. The platform enhances researcher collaboration, simplifies research administration, and supports various applications across the research lifecycle.

Key Contributions:

- Cayuse Admin:
 - Ad-hoc Task Assignment: Developed features for administrators to assign tasks to researchers, facilitating smooth workflow management.
 - Company and Resource Creation: Implemented systems for managing company profiles and resources, enabling administrators to allocate necessary resources effectively.
 - UI Development (React): Created multiple user interface pages using React, focusing on responsive design and a seamless user experience.
 - Cayuse Platform:
 - Researcher Collaboration: Developed features that enable global collaboration among researchers, managing projects across multiple locations.
 - Lifecycle Support: Built components that streamline tasks throughout the research lifecycle, from proposal creation to submission and tracking of research activities.
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5) Agrableek

Link:- <https://agrableek.com>

Role:- Full Stack Developer

Description:

Contributed to Agrableek, a political social media platform where users can share their messages (Kalima) and engage in political discourse. The platform empowers individuals to voice their opinions in a public digital space visible to a global audience.

Key Contributions:

- Full Stack Development (React.js and Firebase):
 - Developed the platform from scratch, handling both frontend and backend development, ensuring seamless integration for real-time updates.
- Dashboard Functionality:
 - Implemented a feature to highlight the best posts on the dashboard, prioritizing high-quality content and impactful messages for users.
- Real-time Updates:
 - Leveraged Firebase's real-time capabilities to ensure instant updates of user posts and interactions, creating a dynamic and responsive user experience.
- File Upload and Media Support:
 - Enabled users to attach files and media to their posts, enriching the content shared across the platform.

6) LUDO GAME- Live Streaming

Role:- Frontend Developer

Description:

LUDO is an interactive board game designed to replicate the traditional gameplay experience in a digital format. Players can compete by rolling dice, moving tokens, and tracking scores, all while preserving the classic mechanics of LUDO.

Key Contributions:

- Frontend Development:
 - Created an interactive Ludo playboard and scoreboard to manage and display game data, dynamically updating in real-time to reflect player actions, such as token movements and round completions.
- Node.js Integration and Socket Communication:
 - Integrated the frontend with Node.js to facilitate communication between players using sockets, handling updates for:
 - Token Movement: Managing token movements based on dice rolls.
 - Token Kill: Reflecting captures when a player lands on another's token.
 - Round Details: Providing real-time information on ongoing rounds.
- Vanilla JavaScript Implementation:
 - Developed the game logic using pure Vanilla JavaScript, ensuring efficient performance in browsers without reliance on external libraries, effectively managing token interactions and game events.

7) Dynamic Business - User-Driven News and Content Platform

Role:- Frontend Developer

Link:- <https://dynamicbusiness.com>

Description:

Dynamic Business is an interactive platform enabling users to create, read, and engage with news and articles across various domains, such as startups, technology, and entrepreneurship. It serves as a hub for professionals to share knowledge and stay updated with the latest industry trends.

Key Contributions:

- Frontend Development (React): Built user-friendly interfaces for displaying posts, ensuring a seamless reading experience with dynamic rendering based on slugs received from the backend.
- Backend Collaboration (PHP): Worked closely with the backend team to ensure smooth data integration, efficiently handling dynamic content via slugs.
- Wisepops Integration: Implemented Wisepops to enhance user engagement through interactive popups, including user tracking and targeted messages based on behavior.
- API Integration: Integrated APIs for user authentication and dynamic post display, ensuring secure access to the platform and seamless data retrieval.
- Deployment on Vercel: Managed deployment on Vercel, optimizing performance and overseeing DNS configurations for scalability and uptime.

SINCERELY

Ajay N. Patil