

Harsh Jain

jainharsh0606@gmail.com | +91 8003452070

EXPERIENCE

Amazatic Solutions - Software Engineer

May 2022 — Present

- Integrated over **700+ APIs** into the frontend, significantly enhancing application functionality and performance.
- Optimized Google Maps API, improving rendering speed by **30%** for large datasets and ensuring smoother user interactions.
- Implemented **Google OAuth and Google Calendar API**, enabling seamless authentication and real-time event synchronization.
- Developed an efficient pagination system to manage large datasets, ensuring a smooth and responsive user experience.
- Enhanced search functionality with a **debounced effect**, **reducing unnecessary API calls** and boosting system performance.
- Built dynamic, scalable, and reusable components using React.js, Redux, JavaScript (ES6+), HTML5, and CSS3, which elevated development efficiency.
- Designed responsive user interfaces with modern HTML5 and CSS3 techniques, ensuring consistent performance across all devices.
- Engineered robust cloud solutions by leveraging AWS services such as Lambda and S3, as well as GCP for serverless deployments, resulting in improved system availability and reduced operational costs.
- Managed and optimized data storage on Azure Blob Storage, ensuring high durability and rapid accessibility for critical application data.
- Led cross-functional initiatives to integrate CI/CD pipelines and adopt **test-driven development (TDD)**, reducing production defects by **30%** and streamlining team collaboration.
- Collaborated closely with UI/UX designers to deliver visually appealing and highly functional web applications.
- Actively participated in **agile development** cycles, contributing to code reviews and performance optimizations to consistently deliver high-quality, maintainable code.
- Pioneered front-end performance enhancements by implementing **code splitting**, **lazy loading**, and progressive web app (PWA) techniques, achieving a **20%** reduction in page load times.
- Conducted internal workshops and mentoring sessions on modern web technologies—including React.js, AWS cloud services, and microservices architecture—fostering a culture of continuous learning and innovation.

PROJECTS

Hirschbach

Feb 2025 — Present

- Integrated advanced routing capabilities using the **Google Maps API** to provide accurate source-to-destination directions.
- Leveraged the **Places API** along with sophisticated geo-fencing techniques to deliver precise location-based services.
- Orchestrated the integration of over **80 APIs** to create a feature-rich platform, significantly enhancing application performance and user satisfaction.
- Integrated **several visual charts** to visualize comprehensive driver details.
- Developed a trend analysis **line graph** to monitor driver performance metrics over time.
- Implemented a **bar graph** for weekly dispatch data to track workload distribution and efficiency.
- Created a **mixed chart** for Hours of Service (HOS) to represent time compliance and violations.
- Designed an availability **pie chart** to depict real-time driver availability across the fleet.
- Built a fuel compliance **bar graph** to assess and improve driver adherence to fuel usage guidelines.
- Developed interactive maps with custom overlays and user annotations for enhanced visual representation.
- Implemented load balancing and data caching strategies to boost performance in location-based queries.

Skill Sync Application

Dec 2024 — Jan 2025

- Designed and built an intuitive admin panel tailored for HR teams to create and manage employee training programs.
- Developed comprehensive user management features to track engagement, course completion, and performance analytics.
- Implemented flexible course management modules that allow users to create, edit, delete, and organize courses by sections.
- Integrated advanced analytics dashboards to monitor training outcomes and employee performance.
- Automated notifications and reminders for course deadlines, fostering higher completion rates.

Villa Application

Aug 2024 — Nov 2024

- Integrated sophisticated **video recording functionalities** including play, pause, and **live preview** to enhance interactive user experiences.
- Implemented **secure payment processing with Stripe**, managing multiple subscription plans seamlessly.
- Employed the **Emotion library** for modern, maintainable styling and **React TanStack Query** for efficient API management.
- Added a **rich text editor** feature to convert text into HTML and vice versa, facilitating dynamic content creation and editing.
- Integrated robust error handling, logging, and security measures to ensure platform stability.

Proximity Application

Nov 2022 — July 2024

- Leveraged the **Google Maps API** for **dynamic display of contact markers**, **boundary drawing**, and **advanced geocoding/reverse geocoding**.
- Integrated the **Unlayer editor** to empower users with **custom email template creation**, enhancing communication capabilities.
- Designed and implemented a robust SuperAdmin dashboard for real-time monitoring, user management, and system analytics.
- Enhanced geofencing capabilities to trigger location-based alerts and improve user engagement.
- Enabled push notifications and real-time updates based on proximity events.
- Developed advanced search and filtering functionalities to quickly locate points of interest and manage large datasets.

Flowise Open Source Contribution

- Actively contributed to the **Flowise open source project**, enhancing the ChatEmbed functionality to deliver a more engaging and intuitive chatbot experience.
- Optimized performance and improved UI/UX design, resulting in a smoother, more user-friendly interface for a large global community.
- Collaborated with a diverse group of developers, sharing insights and code improvements to drive community-wide adoption and innovation.
- Continuously contributed improvements and bug fixes on an as-needed basis, ensuring the project remains robust and up-to-date.

Interview Desk

May 2022 — Oct 2022

- Developed an innovative interview management application that streamlines the entire process from scheduling to feedback collection.
- Integrated a multitude of APIs to support real-time collaboration, an online compiler, and robust candidate assessments.
- Implemented a collaborative code editor with built-in cheating detection algorithms to ensure evaluation integrity.
- Enabled screen sharing and live collaboration features, significantly enhancing remote interview experiences.
- Ensured secure data handling and compliance with industry standards for candidate information.
- Incorporated real-time analytics to monitor interview progress and capture performance metrics.

SKILLS

Programming Languages:	JavaScript, TypeScript
Frontend Development:	ReactJS, SolidJS, Nextjs, HTML5, CSS3, Bootstrap, Tailwind CSS, MUI, Emotion, Styled Component
Mobile Development:	Flutter, React Native
State Management & Data Fetching:	Redux Toolkit, TanStack Query, Zustand, Jotai, RESTful & GraphQL APIs, Server-Sent Events (SSE), WebSocket
Google Apis	Google OAuth2, Google Maps, Google Calendar
Payment Integration	Stripe
Testing & Quality Assurance:	Jest, Cypress, React Testing Library
Tooling & Code Quality:	Eslint, Prettier, Biome, Vite, Webpack, Babel, Rsbuild
AI Tools	Cursor, Windsurf, ChatGPT, Claude, DeepSeek, Grok, Qwen, Mistral
Version Control & CI/CD:	Git, GitHub, CI/CD pipelines
Cloud & DevOps:	AWS (Lambda, S3), GCP, Azure Blob Storage, Docker
Architecture & Methodologies:	Microservices, Serverless Architecture, Agile, Jira, VivifyScrum, Micro Frontend

EDUCATION

Master of Computer Application (MCA) - 91%, SPPU, Pune	2020 — 2022
Bachelors of Computer Application (BCA) - 71%, MGSU, Bikaner	2017 — 2020
Higher Secondary Certificate (HSC) - 68%, BSER, Bikaner	2016 — 2017
Secondary School Certificate (SSC) - 73%, BSER, Bikaner	2014 — 2015

ACHIEVEMENTS

- Received the "Cheers for Peers" prestigious award in my company, a rare honor bestowed to one outstanding individual.
- Achieved second place in a college hackathon focused on web development, demonstrating strong technical innovation and collaborative spirit.

LINKS

GitHub:	https://github.com/harshjain47
LinkedIn:	https://www.linkedin.com/in/harsh-jain-84b09515b/
LeetCode:	https://leetcode.com/u/jainharsh0606/