

# MRINAL JAIN

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## SKILLS

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**FrontEnd:** JavaScript (ES6+), React, Redux, TypeScript, Flutter, HTML, CSS, JQuery, Tailwind, Bootstrap, Babel

**Backend:** NodeJS, Express, WebSocket, OAuth, JWT, sails.js

**Databases:** MongoDB, MySQL, Firebase, Redis

**Tools & Libraries:** React Router, Webpack, Jest, React Testing Library, Mocha, AWS, GIT, Postman, Jira, Sass, Axios, Jade

## WORK EXPERIENCE

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### Software Developer

Apr 2024 – Present

AMEX

Phoenix, AZ

- Architected and migrated legacy frontend code from jQuery to **React**, leading to a measurable increase in application scalability and enabling the team to implement new features faster, now supporting 1M+ user interactions monthly.
- Guided a cross-functional team in the development and implementation of multiple projects, leveraging Agile methodologies to consistently deliver within budget and timeline constraints.
- Built **CI/CD pipelines** for 6 platforms, enabling multiple app variants from a single codebase, resulting in a 40% reduction in release time and a 30% increase in release frequency.
- Achieved a **microservices** architecture using NodeJS, Express, and MongoDB resulting in a 20% reduction in app response time.

### Senior Software Developer

May 2019 – Mar 2024

STAGE OTT

Noida, India

- Implemented **secure video streaming** using the m3u8 signed cookies and Digital rights management (DRM) on Google's edge Network, achieving an 40% reduction in network latency, which got featured in **Shark Tank India**.
- Authored a **deep link** journey tracking solution for platforms like Facebook and Google, reducing customer acquisition costs by 20% and improving marketing campaign performance.
- Developed an extensive **user analytics system** using Apache Airflow, which provided in-depth insights into user journeys. This implementation resulted in a 30% improvement in user engagement and facilitated data-driven decision-making.
- Engineered a in-house **payment aggregator**, enabling users to complete and retry transactions with minimal steps, resulting in a 35% increase in successful payments and a 20% reduction in user drop-off during the payment process.
- Integrated **JWT** authentication into the frontend, strengthening security by ensuring token-based authorization and reducing unauthorized access by 25%.
- Engineered an in-house **A/B testing** mechanism utilizing Node.js, enabling the evaluation of various payment flows, video trailers, and thumbnails. This implementation improved conversion rates by 25%, optimizing user experience and enhancing overall engagement.
- Architected a robust Firebase infrastructure that enabled seamless integration with existing systems, ultimately reducing the release timeline from days to just few hours, also got featured on **Firestore Showcase** by Google

### Senior Web Developer

Feb 2017 – Apr 2019

WittyFeed

Indore, India

- Developed the WittyFeed website using React, engineered to handle real-time traffic of up to 200,000 users while achieving a PageSpeed score of 99.
- Engineered an in-house blog editor using **React and Redux** with automatic suggestions, streamlining the content creation process and reducing the time to write and publish blogs by 50%, significantly enhancing productivity for writers.
- Standardized the codebase for 12-15 websites using a common configuration, reducing the time to launch new websites by 60%.
- Restructured a user dashboard for the Users using **TypeScript**, integrating Facebook, Twitter APIs to fetch post metadata, creating a one-stop solution to monitor content performance across all platforms.
- Refactored legacy systems with **Git version control** system resulting in improved code quality and faster development cycles

## Web Developer

Apr 2016 – Jan 2017

Arya.ai (Axis Bank)

Mumbai, India

- Integrated a signature detection system in **React** for an Axis Bank client, enabling accurate extraction of signatures from documents.
- Engineered a comprehensive **user analytics system**, enabling detailed insights into user journeys and empowering data-driven decisions, resulting in a 30% improvement in targeted user engagement.
- Integrated Arya's **KYC Extraction API** for accurate information retrieval from various ID proofs, streamlining the KYC process and improving verification speed
- Revamped the UI dashboard for the cheque scanning system using HTML and CSS to clearly display cheque components, reducing manual work by 40% and enhancing user efficiency.

## Junior Frontend Engineer

Jan 2015 – Apr 2016

YallaSpree

Hyderabad, India

- Developed a high-performance landing page using **JavaScript ES6**, HTML, and CSS, achieving a Google PageSpeed score of 99, which improved user experience, reduced bounce rates by 20%.
- Innovated **HTML-based** email marketing campaign templates, resulting in a significant increase in top-of-funnel (TOFU)
- Engineered a customized user interaction feature for comments, leading to a 30% increase in average time spent on the site.

## EDUCATION

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### Rajiv Gandhi Proudyogiki Vishwavidyalaya

Bachelor of Technology in Computer Science

Jun 2015

Indore, India

## AWARDS & ACHIVEMENTS

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- Featured on [Shark Tank India](#) Season 2.
- [30 Under 30 Most Influential Techie](#) of Indore.
- Contributed to Mozilla.org's Firefox OS project.
- Featured by Facebook India as Developer Circle Lead of the Year
- [Leading Developer community](#) of 5k+ developers in central India.
- [Founding Organiser of Wittyhacks](#)- Central India's first ever 36 hrs hackathon hosted in Indore.