

# Pratik Goyal

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## EDUCATION

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### Indian Institute Of Technology, Jodhpur

Bachelor of Technology [CGPA: 7.7/10]

Jodhpur, IN

July. 2018 – May 2022

## EXPERIENCE

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### Software Engineer

May 2024 – Present

*CoinSwitch*

- **Technologies:** TypeScript, React Native, NodeJs, NextJs, New Relic, Kibana, MySQL, Remix JS, TailWind
- **Server-Driven UI Development:** Worked on the server-driven UI architecture for the CoinSwitch app, extensively developing and optimizing Node.js backend APIs and layout queries to power the frontend UI.
- **RN New-Architecture and Live Activities:** Migrated the CoinSwitch app to React Native's new architecture to enable smoother, low-latency data flow, and designed iOS Live Activities leveraging the updated framework.
- **App Performance Optimization:** Worked on app performance by reducing latency and improving load times by prefetching user layout on the PIN screen
- **Coinswitch App Theme Redesign:** Led the CoinSwitch app theme redesign by building foundational design tokens in the design system and integrating them across the frontend using Higher-Order Components (HOCs).
- **Socket Integration:** Integrated WebSocket support into CoinSwitch Pro to enable real-time updates for live trading data and coin prices.
- **On-Call Expertise:** Actively handled on-call responsibilities, troubleshooting issues to maintain app stability.
- **Coinswitch Pro Website Redesign:** Redesigned the Coinswitch Pro website, creating a streamlined, user-centric interface that boosted engagement and usability. And integrated it to the CoinSwitch App with WebView
- **SEO Improvements:** Implemented SEO optimizations focused on improving overall Lighthouse scores and enhancing search engine visibility

### Software Engineer

August 2023 – May 2024

*Züs Networks*

- **Technologies:** Golang, PostgreSQL, Docker, Ethereum, Next Js, Redux, Github Actions
- Working on a blockchain-based decentralised storage platform with their **NextJs micro-frontend architecture**
- Rewrote multiple UI components, implementing **dynamic imports** and SEO optimizations such as CLS.
- Utilized **Cypress** to conduct end-to-end comprehensive testing of various UI components.
- Created several **Golang** endpoints, utilizing **PostgreSQL** as database, and **Docker** for containerization.

### Software Engineer - Frontend

June 2022 – August 2023

*Housing.Com*

Bangalore, IN

- **Technologies:** React Js, Redux, Lintaria CSS, GraphQL-Zeus, NodeJs, CI/CD, Jenkins, GA events
- Frontend Developer, specializing in **microfrontend architecture** built with **React.js**.
- Proficient in utilizing **Styled Components** for UI styling and **Redux** for global state management
- Experienced in collaborating with **cross-functional teams**, including designers, back-end and QA developers, and project managers, and successfully delivered multiple product flows
- Revamped and **Automated ELK testing** performance by implementing **batch processing** techniques, resulting in a significant 70% reduction in testing time.

### Open Source Contribution

*CodeZoned, Amplication*

- Maintainer at CodeZoned and actively contributing to PyDataStructs
- Worked on PyDataStructs and Implemented Sparse Table, Rabin-Karp and Needleman-Wunsch algorithms

## PROBLEM SOLVING

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- Rated **2020 (5 Star)** on Codechef (pratik\_gl)
- Rated **1610 (Expert)** on CodeForces
- Ranked **485 in Google Kickstart** Round D 2021
- Qualified for Round 2 and ranked **1789 in Facebook Hacker Cup** 2021

## TECHNICAL SKILLS

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**Languages:** JavaScript, TypeScript, Golang, Java, Python, C/C++, GraphQL (Zeus), PostgreSQL, MySQL  
**Frameworks/ Tools:** React Js, Redux, Node.js, Django, Express Js, MongoDB, Tailwind CSS, Docker