Prajwal Kulkarni

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WORK EXPERIENCE

Meesho | *Software Engineer II*   Jan. 2026 – Present

- Improved avg. **LCP** from 4.2s to 3.5s and avg. **FCP** from 4.2s to 600ms.
- Curated and added cursor rules for generating **unit tests** along with integrating sonarqube on the CI pipeline to ensure quality gate checks.

Meesho | *Software Engineer*   Aug. 2024 – Dec. 2025

- **Co-authored and launched valmo partner app** and scaled to 500k+ downloads.
- **Setup node layer** with generic middlewares to log and broadcast **API layer data to Grafana dashboard.**
- Implemented **pilot referral program** on the valmo website, generating ∼**400 high-intent leads** on a weekly basis.
- Reduced **UI feedback time from 3-4s to < 5 ms during navigation by incorporating a service worker.**
- Explored and Integrated **React Server components(RSCs) in NextJS 14** that reduced the **bundle size by** ∼**400KB** and improved the **initial load time by 400-600ms.**
- Implemented **asset caching** on WebView resulting in reduction of **Page Load Time** by 65%.
- **Re-architected** UMS(user management system) for frontend to enable **multi-role support**.
- Enabled **client-side error** tracking using **sentry**.

KredX | *Software Engineer*   Dec. 2022 – Aug. 2024

- **Rewrote** the entire dynamic discounting module with **enhanced UI** and improved **state management with react query.**
- **Reduced** the code base of Accounts payable product by **13.1%** by removing redundant code and migrating wrapper **custom hooks to use CODEGEN generated hooks for type safety.**
- Streamlined Invoice review(digitized) process with a redesigned UI, resulting in a ∼**48% reduction of clicks**.
- Developed a **base microfrontend application** to navigate between different integrated products, **reducing navigation time by 10.9%.**
- Implemented mixpanel and clarity for **user tracking and analytics.**
- Contributed to the **component library** of KredX's **design system.**

PROJECTS

CLI blackjack | *JavaScript*   Dec. 2023 - Jan. 2024
Project Link | Source code

- Popular cards game, blackjack, but on the command line.

Irrationality of Pi | *HTML, CSS, JavaScript, Canvas*   Oct. 2023 - Oct 2023
Project Link | Source code

- Visualisation of irrational number Pi.

Take a break | *JavaScript, HTML/CSS, Webpack*   Sep. 2023 – Nov. 2023
Project Link | Source code

- Chrome extension that monitors and reminds you to take breaks effectively. **2000+ users.**

Bingenow | *TypeScript, NodeJS, AWS lambda, Firebase*   Dec. 2022 - Apr. 2023
Project Link | Source code

- Aggregator streaming application to stream movies and web series for free.
- Used React query for state management and caching, TailwindCSS for styling, Firebase for authentication, and Webpack for bundling the frontend application.

- Node server(express) hosted on AWS lambda and AWS API gateway for API communication using GraphQL.

NextPortal | *TypeScript, npm, JavaScript, NextJS*   Dec. 2021 - Dec 2021
Project Link | Source code

- Lightweight and easy-to-use portal component for NextJS.
- Wrote a custom hook to animate the element on mount & unmount.
- Used Webpack to bundle the package with typescript compatibility.

OSS Contributions

ReactJS Docs - Worked on code improvements and UI bug fixes. PRs

3Dmol.js - Refactored and improved core modules of the library. PRs

Definitely Typed - Added Type definitions to natural-drag-animation-rbdnd npm package. PR

Aptabase - Feature additions and UI improvements. PRs

Code Is Science - Contributed to "Code Is Science" org's Journal Policy Tracker. PRs

Education

BMS College Of Engineering   Jul. 2018 - Jul. 2022
Bachelor of Engineering (B.E) in Information Science   *Bengaluru, Karnataka*

Skills

Languages: JavaScript/TypeScript, HTML/CSS(Styled components, LESS, TailwindCSS)
Libraries/Frameworks: NextJS(app/pages), ReactJS, NodeJS, ExpressJS, Vitest, AntD, GraphQL
Databases: PostgreSQL, MongoDB, Firebase
Tools: Git/GitHub, Webpack, Vite, VS Code, JIRA, AWS EC2/Lambda/API gateway

Courses and Certifications

- React the Complete Guide - Course
- React, NodeJS, Express & MongoDB - The MERN full-stack guide. Course
- Crash course on Python - Certificate
- Master Creative Advanced CSS animations - Course

Awards, Hobbies and misc

- Won WWDC21 scholarship organized by Apple - Link
- Freelanced as a web developer on Fiverr (Apr. 2020 - Jul. 2020)
- Developed a mobile application for my college's annual tech symposium - App Link (Jul. 2019 - Aug. 2019).
- Built a bill-splitting Android application using Java - App Link (May 2019 - Jun. 2019)
- Maintained & ran a tech blog - Blog Link (May 2014 - Jun. 2015)
- **Hobbies:** Travelling, Sports & playing Guitar
- **Languages:** English, Kannada, Hindi, Tamil, Telugu