

ATUL SHARMA

Software Engineer

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Professional Summary

Experienced Frontend Developer with **4+ years** of expertise in **React.js, TypeScript, and React Native**. Specialized in high-performance, scalable applications using micro-frontend and monorepo architectures. Adept in building responsive, accessible UIs with a strong focus on UX. A collaborative team player with a passion for clean code, problem-solving, and continuous improvement.

Technical Skills

Languages: JavaScript, TypeScript, HTML, CSS, SCSS

Frontend: React.js, React Native, Redux, MobX, React Router, Styled Components, Ant Design, Material UI

Architecture: Micro-Frontends, Monorepo, Server-Side Rendering (SSR)

Dev Tools: Yarn Workspaces, Lerna, NX, Webpack, Babel

Version Control: Git, GitHub, GitLab, Bitbucket, Azure DevOps

Testing: Jest, Enzyme, Mocha

Other: Ag-Grid, Axios, Material Pickers

Professional Experience

- Software Engineer

eNest Technologies Pvt. Ltd. — Apr 2022 – Present, Mohali, India

- Developed Wings App using micro-frontend architecture.
- Built and maintained Walking Improver, a health check platform enhancing patient mobility.
- Integrated CWAS metrics for performance tracking, improving compliance and mobility outcomes.
- Used MobX for state management, created reusable npm modules, and wrote unit tests using Jest.
- Managed mono-repo with Yarn Workspaces and participated in Agile delivery cycles.

Arksstech — Jan 2021 – Mar 2022, Mohali, India

- Enhanced Neurotrack's cross-platform application using React Native and TypeScript.
- Developed reusable, scalable components shared across platforms.
- Used Redux, Ant Design, MobX, and implemented unit testing with Jest and Enzyme.
- Collaborated in Agile teams, working with designers and QA for delivery excellence.

Projects

• Wings App (React js)

Company: eNest Technologies Pvt. Ltd. | **Currently working on it ...**

Technologies: React.js, TypeScript, Micro-Frontend Architecture, Redux, SCSS, Yarn Workspaces

Description: The Wings App was developed for Universal Weather and Aviation, Inc., a global leader in business aviation solutions. It manages reference data such as airports, permits, countries, and aircraft using micro-frontend architecture.

- Built and maintained modules in micro-frontend architecture.
- Managed aviation data workflows for enhanced operational efficiency.
- Improved scalability and maintainability of modules.

• Walking Improver (React js)

Company: eNest Technologies Pvt. Ltd

Technologies: React.js, MobX, TypeScript, Material UI, SCSS

Description: Walking Improver is a bilingual healthcare application that offers personalized exercise plans for patients based on their CWAS scores, supporting 12-week improvement tracking.

- Built bilingual UI components in React.js and TypeScript.
- Created reusable npm modules for shared logic.
- Integrated CWAS metrics and managed state using MobX.
- Wrote unit tests with Jest and Enzyme.

- **Job Commander (React Native)**

Company: eNest Technologies Pvt. Ltd

Technologies: React Native, MobX, TypeScript

Description: This project aims to provide your most compatible match! Once Job Commander sends you qualified matches, you will be able to apply for jobs, invite applicants to apply, schedule interviews, and receive job offers, all within the Job Commander platform. Based on the profiles and compatibility scores of Candidates and Employers, we optimize your ability to be matched with the position

- Developed reusable components using React Native and TypeScript.
- Managed global state with MobX and implemented validation.

- **Neurotrack (React Native)**

Comapany: Arksstech

Technologies: React Native, TypeScript, MobX, SCSS

Description: Neurotrack provides digital tools to assess and strengthen cognitive health. The application is used to reduce risks of Alzheimer's and dementia.

- Developed reusable components using React Native and TypeScript.
- Managed global state with MobX and implemented validation.
- Maintained code quality with SonarQube.
- Managed the project structure using Yarn Workspaces and Lerna.

- **Browsio (React js)**

Company: Arksstech

Technologies: React.js, Redux, Ant Design, SCSS, Yarn Workspace

Description: Browsio is a charity-focused marketplace platform that lets users donate while shopping online. Revenue supports partner organizations.

- Developed modular React.js components and shared modules.
- Used Redux for state management and Ant Design for UI components.

- Implemented form validation and code reuse with monorepo setup.

Education

Bachelor of Technology in Computer Science & Engineering

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur — Aug 2016 – May 2020

Key Achievements

- Improved aviation data processing by 30% through modular architecture.
- Boosted social eCommerce revenue by 40% through UI/UX enhancements.

Languages

English: Native

Hindi: Native