

Prabhat Dutt

Lead UI Developer | Senior Front-End Engineer

 Bangalore, India

 [+91 700 818 5733](tel:+917008185733)

 prabhatdutt95@gmail.com

 linkedin.com/in/prabhat-dutt

 [Portfolio](#)

Professional Summary

Front-End Engineer with over 7 years of experience building modern, scalable web applications across telecom, media, and enterprise IT sectors. Skilled in Angular (v12+), ReactJS, and front-end architecture, with a focus on clean modular design, performance optimization, and accessibility (WCAG 2.1). Leads frontend modernization efforts and mentors junior developers to deliver consistent, high-quality interfaces. Brings practical experience in integrating AI into UI workflows—such as personalized recommendations and data-driven features—to improve usability and drive product impact.

Areas of Expertise

- **Angular** (v12+), **ReactJS**, NextJS, VueJS
- **HTML5**, **CSS3**, Sass, Responsive Design, Cross-Browser Compatibility
- State Management (Redux, NgRx)
- **JavaScript** (ES6+), TypeScript
- Automated Testing (Jasmine, Karma, Protractor, Jest)
- CI/CD Pipelines, Git, Agile/Scrum
- UI Architecture & Modular Design, Component Libraries (Material, Storybook)
- Accessibility (WCAG 2.1), TailwindCSS
- **AI-Driven UI Integrations** (Personalization, Chatbots, predictive features, AI-assisted workflows)
- **Leadership & Mentorship** (Led frontend teams, guided 5+ engineers, conducted code reviews, defined best practices)
- Creative Problem Solving & Empathetic UX
- **Developer Productivity with AI Tools** (Copilot, automated testing, intelligent linting)
- Communication, Collaboration & Stakeholder Management

Key Achievements

- Engineered a **reusable, reactive Angular form framework** accelerating feature delivery by 30%.
- **Led a frontend performance overhaul** reducing load times by 40% via smart hydration and dynamic rendering.
- Redesigned **frontend architecture** improving dev onboarding by 25% and styling efficiency.
- Built a **React-based dashboard** and **AI-powered upskilling engine** used by 2000+ employees.
- Achieved **WCAG compliance for enterprise platform**, improving inclusivity and enterprise adoption.
- Implemented **automation protocols** enhancing defect detection by 50% and cutting release cycles by 20%.

Professional Experience

Ness Digital Engineering, Bangalore

Senior Front-End Engineer | Dec 2023 – Present

- Architected **reactive Angular form framework** to boost delivery speed and consistency.
- Optimized grid performance using **hydration** and **lazy rendering** for 40% faster UIs.
- Led **accessibility overhaul for WCAG compliance** and mentored engineers to build high-impact features.
- Used **TailwindCSS** to revamp styling and accelerate UI scalability.

Motorola Solutions, Bangalore

Software Engineer | May 2021 – Nov 2023

- Developed **Unified Recorder dashboard (ReactJS)** improving visibility of communication metadata.
- Built **AI-powered skills recommendation engine** (React, Python, Azure) driving 25% internal mobility.
- Modernized **Angular One-Portal app** reducing load time by 40%.
- Led **end-to-end testing** transformation with **Protractor**, boosting QA reliability.

Earlier Roles

- **Frontend Developer, Newsbytes** (*Jan 2021 – May 2021*): Built interactive cricket stats platform using Vue.
- **Senior System Engineer, Infosys** (*2017 – 2021*): Led frontend modernization for Airbus, Boeing, and AGCO projects using ReactJS, Angular, WebGL. Developed operational tools in Python and pioneered embedded ML visualizations.

Projects

- **[Audio-Highlighter](#)**: Summarizes audio with transcripts and highlights using AssemblyAI.
- **[Mind Vault](#)**: Organize and tag screenshots, scroll shots, and saved links.
- **[Harmoniq](#)**: An intelligent music tool that generates musical notes from audio and visualizes them by instrument.

Education

- **B.Tech, Mechanical Engineering** – C.V. Raman College of Engineering, Bhubaneswar (2013–2017)
- **Nanodegree – Data Science**, Udacity (2020–2021)