

Debojyoti Ghosh

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PROFILE

Lead Frontend Engineer / Frontend Architect with **11+ years** of experience. Building and scaling web products using React, TypeScript and Agentic AI tooling. From large consumer platforms to AI startups.

SKILLS

Frontend

React JS, TypeScript, JavaScript,
React Router, NextJS, Redux, Jest

Styling

Tailwind CSS, Emotion JS, Linaria

Architecture

Micro-frontend, Webpack

AI

VS Copilot, Cursor, Claude Code

Cloud / Tools

AWS, Jenkins CI / CD, Git

Backend

Node.js, Express, GraphQL

EDUCATION

B. Tech • Electronics
Communications Engineering

Dr B C Roy Engineering College
2010 – 2014 | GPA: 7 / 10

EXPERIENCE

Zeplyn AI • Senior Software Engineer, Front-end L5

March 2025 – April 2026 | Remote

- Shipped 6+ client-winning features on short notice, used **agentic AI** to get them out in 1-2 days and contribute to successful deal signings. Used: **React Router 7, TypeScript, Tailwind, VS Copilot** (Claude Sonnet; Gemini 2.5 Pro models)
- Migrated the stack from Remix to **React Router 7**, using **agentic AI** to cut the work from 1 week to 1 day. Used: **Augment Code**

REA India (Housing.com | PropTiger) • Lead Front-end Engineer

August 2016 – September 2024 | Gurugram, Haryana

- Designed the **architecture** (HLD & LLD) of Housing Premium experience to monetize the users of Housing, and **led a team of 4 developers**. The work generated **13 Cr in revenue** over the past year. Used: **React 19, Linaria** (CSS-in-JS library), **AWS**
- **Reduced CLS** (cumulative layout shift) on all major pages (search, dedicated, home) from more than 1 to **less than 0.1** and improved other **Core Web Vital** metrics. This performance boost on our web pages resulted in **Lighthouse scores of up to 88**
- Led a team of 2 developers to build a **custom checkout flow** by **collaborating with RazorPay**. It boosted **conversion by 10%**. Thanks to the "add-ons" on top of that, our **revenue grew by 15%**

- Revamped the search & dedicate pages using **micro frontend architecture**. It **reduced future development timelines by 25%**. Used: **ReactJS, Redux, Webpack, Babel, GraphQL**
- Implemented the bi-annual Events page by myself for 2 years, **collaborating with product, design & back-end teams**. It increased our **revenue by 120% & 150%** respectively. Used: **CSS animations, SCSS**
- Conducted internal training on Prompt engineering and **Generative AI** tools (ChatGPT, Cursor IDE, Github Copilot in VS Code), **reducing task timelines by 20%** and boosting test case writing **speed with Jest by 50%**

3dPhy (acquired by PropTiger) • Software Engineer

September 2015 – July 2016 | Gurugram, Haryana

- Developed the primary product OpenSpace and made it **mobile first** and **cross-browser compatible**, thereby increasing the **revenue by 200%** in 6 months. Used: **Three JS, jQuery, AWS**
- Created an in-house admin panel for our support team. It **reduced the time spent** on managing property inventory by **50%**. Used: **Angular, TypeScript, Git, responsive web development**

Tata Consultancy Services • Assistant Systems Engineer

December 2014 – September 2015 | Kolkata, West Bengal

- Built a **hybrid app** for in-house testing tools that **improved productivity by 30%**. Used: **Electron, HTML5, CSS3, REST APIs**