Pratya Kumar Tagore

Full-Stack Developer

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📅 18th April 1997 🔗 Portfolio 🔗 LinkedIn 🔗 Github

👤 PROFILE

A passionate Full Stack Developer dedicated to learning and adapting emerging technologies, developing and deploying scalable and innovative web applications by seamlessly integrating front-end and back-end technologies.

💼 PROFESSIONAL EXPERIENCE

Techademy, Jr Frontend Engineer
September 2023 – present | Pune, India
Partnered with the development team to create user-friendly interfaces using React.
Translated mockups and wireframes into functional, responsive web applications in close collaboration with designers and the backend team.Proficient in technologies and tools including Redux, Redux Saga, and Material UI.

🧠 SKILLS

Web Development: HTML,CSS,JavaScript

React.js, Redux (Saga & Toolkit), TypeScript, MaterialUI

Back End technologies: Node.js, Express, REST API

Databases: MongoDB, Firebase

Programming languages: JavaScript

Data Structure & Algorithm

Tools : Git, GitHub

📜 CERTIFICATES

Full-Stack Development Bootcamp 🔗
KnowledgeHut upGrad (2023)

Master React JS with 10 Hands-On Project 🔗
Udemy (2023)

Material UI - The Complete Guide With React (2023) Edition
Udemy (2024)

🎓 EDUCATION

B.Tech in Electrical Engineering,
Meghnad Saha Institute Of Technology
2016 – 2020 | Kolkata, India

📁 PROJECTS

Yaksha Assessment Platform,
Techademy | Jr Frontend Engineer
July 2024 – present
- **Coding Assessment Platform**: Developed a single-page app for coding assessments with an in-browser IDE, non-editable code sections, test case execution, and dynamic language changes.
- **Candidate Login Flow**: Designed a flow to view live assessments, display results analytically, and allow result downloads, along with an analytical dashboard.
- **Product Catalogue**: Built a feature for tenants to view, request, and add skills and categories to their catalog.
- **Timer for Test Takers**: Implemented a timer to enforce a minimum submission duration during tests.
- **Hackathon Leaderboard**: Developed a leaderboard in user profiles to display hackathon ranks and performance.
- **User Analytics for Admins**: Created a feature to view assessment data with analytics for enrolled users.

Techademy Campus (B2A),
Techademy | Jr Frontend Engineer
September 2023 – June 2024
- **Identity Management**: Integrated **Keycloak Identity Provider** for secure authentication, ensuring compliance with modern security standards.
- **User Management**: Designed and implemented a seamless onboarding process for users with different roles
- **Program Management**: Developed features for creating and managing programs.
- **Assessment Repository**: Created a feature enabling instructors to assign tests and students to take assessments, streamlining the evaluation process.
- **Dashboards**: Built interactive and role-specific dashboards

Flixxit 🔗
Flixxit combines the power of MongoDB, Express, React, and Node.js into an immersive OTT platform that delivers a dynamic experience.
Tech Stack:
- MERN (MongoDB, Express.js, React.js, Node.js) stack,
- Axios for seamless data fetching,
- JWT Tokens for robust security,
- Font Awesome icons & Material UI tables.
- React-Player, for a smooth watch experience,
- server-side admin signup using Pug view engine
- Global state management tool Redux
- Razorpay for secure payment integration