

Diptangshu Ghosh

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Senior Frontend Developer

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Collaborative team player committed to delivering high-quality software solutions with **4 years of experience** in **JavaScript, TypeScript, and ReactJS**. Proficient in SQL, with additional knowledge of NodeJS, NoSQL databases, AngularJS, Jest and Docker. Bilingual in English and Bengali, with proficiency in Hindi, and dedicated to continuous learning and skill improvement.

TECHNICAL EXPERIENCE

Senior Frontend Developer Associate

PricewaterhouseCoopers India

Oct 2020 — Present

Kolkata, West Bengal

- **Collaborated** with project stakeholders and team members to define, design, and release new features **within given timelines**.
- **Conducted regular code reviews** and incorporated feedback to **improve code quality**, leading to a **promotion to Senior Associate**.
- Developed PwC's 'Feedback Exchange' application with **ReactJS** for managing employee performance feedback, **integrating legacy REST APIs**, and optimizing components for efficient performance across various web browsers and devices. This resulted in a **12% increase** in monthly active users and a **27% decrease** in monthly application incidents.
- Created **reusable ReactJS components** to ensure **scalability and maintainability** for future application enhancements.
- Enhanced the legacy 'Global Snapshot' application using **Vanilla JS** and created **T-SQL** stored procedures to **improve functionality**.
- Utilized **Azure DevOps** for efficient team collaboration, code development, and issue tracking in an **agile environment**.

Summer Intern

Integrated Test Range - Defence Research and Development Organisation

Jun 2019 — Aug 2019

Balasore, Odisha

- Worked under the supervision of Shri. Pradipta Roy, Scientist E, EOTS, ITR, DRDO on a proposed a working architecture to reduce fog density of images through Fast Fourier Transform and Inverse Fast Fourier Transform.

EDUCATION

Bachelor of Engineering in Electronics and Telecommunication Engineering

Jadavpur University

Jul 2016 — Jun 2020

Kolkata, West Bengal

- CGPA: 8.56

PROJECTS

PDF-GPT

bit.ly/pdf-gpt

Aug 2024 - Sep 2024

- Developed a **Next.js** web app enabling users to upload PDF files and query their content using **Gen-AI**, leveraging NLP models for accurate context-driven answers.
- Integrated **Google Gemini, Langchain, and Pinecone** for natural language processing and vector searches across PDF content, significantly improving query precision and response time.
- Implemented **user authentication** with Kinde and integrated Stripe for **secure subscription management**, enabling tiered plans and seamless payments.

Mood for Spotify

bit.ly/moodforspotify

May 2022 - June 2022

- Developed a web app using **React, Styled-Components, and ChartJS** to generate mood-based Spotify playlists.
- Utilized **Spotify Web API and OAuth** for personalized playlist creation, enhancing the user experience.

SKILLS

Programming Languages	JavaScript (ES6+), TypeScript, HTML5, CSS3/SCSS, SQL
Libraries and Framework	React.js, Next.js, Tailwind CSS, Material UI, Redux, Node.js, Express.js, MongoDB, Jest
Other Tools	Azure DevOps, Vercel, Docker
Communication	English - Full Professional Proficiency, Hindi - Fluent Speaker, Bengali - Native

AWARDS AND RECOGNITION

Received **STAR&R - Spot Award** twice at **PwC India**.

Secured a rank of **308** in the **West Bengal Joint Entrance Examination (WBJEE- 2016)** among a student pool of 150 thousand.

HOBBIES

Photography, Listening to Music, Practicing Guitar, Tactical Games and Esports, Watching Football