

# Diptangshu Ghosh

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[Website](#) | [GitHub](#) | [LinkedIn](#) | Pune, IN

## WORK EXPERIENCE

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### Veeam Software

Pune, Maharashtra

#### Experienced Developer

July 2025 - Present

- Joined **VDC-Engineering** as an **Experienced Developer**.
- **Tech stack: ReactJS, Redux.**

### PricewaterhouseCoopers India

Kolkata, West Bengal

#### Senior Developer Associate

October 2020 - July 2025

- Contributed to the development of **PwC's Feedback Exchange**, a custom application designed to enhance performance management through multi-directional feedback within the PwC Network, used by **100,000+ employees**.
- Implemented key features such as **multi-directional feedback capabilities, anonymous feedback processes**, and integration with PwC systems.
- Developed and implemented functionality allowing users to choose between **anonymous and attributable feedback**, enhancing user privacy and trust.
- Designed a **unified and customizable feedback form**, supporting upward, downward, and peer feedback, with **optional and mandatory questions tailored by territory, user roles, and project types**.
- Engineered **feedback directionality overrides**, enabling users to adjust feedback flow based on working relationships.
- Integrated **Assurance quality dimensions** into feedback forms for more detailed and relevant project assessments.
- Built a **notification system to improve user engagement**, keeping users informed about requests, submissions, and status updates.
- Developed **multi-language support**, making the platform accessible to a global user base.
- Designed and implemented **audit trails for all feedback changes**, ensuring **data integrity and compliance** with internal policies.
- Architected a **Records Management Dashboard** for terminated employee records, improving accessibility and compliance.
- Collaborated on **integrating feedback processes with finance systems**, leveraging project data for feedback directionality and reporting.
- Integrated **Azure OpenAI** services to enhance feedback analysis and provide AI-driven insights, improving feedback quality and relevance.
- Optimized database performance through efficient **SQL queries and functions, reducing report generation time by 30%**.
- Led **unit testing** initiatives using **Jest and React Testing Library**.
- Developed **multiple reusable React components** for PwC's **AppKit UI Library, accelerating feature deployment across teams**.
- **Tech stack: ReactJS, Express, NodeJS, .NET, PostgreSQL, MongoDB.**

## EDUCATION

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### **Jadavpur University**

Kolkata, West Bengal

*Bachelor of Engineering in Electronics and Telecommunications, First Class Honors*

July 2016 - June 2020

CGPA: 8.56

## SKILLS

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- Programming: **JavaScript (ES6+), TypeScript, C#, SQL, HTML5, CSS3/SCSS**
- Frontend: **ReactJS, NextJS, AngularJS, Redux, Tailwind CSS, Material UI.**
- Backend: **Node.js, Express.js, .NET, REST API Development.**
- Databases: **MongoDB, MySQL, PostgreSQL, Firebase, Redis.**
- DevOps: **Azure DevOps, Docker, Kubernetes, Vercel (CI/CD).**
- Testing: **Jest, React Testing Library (Unit Testing), Grafana (Analytics).**
- Other: **Git, WebSockets, Kafka, AWS S3, Data Structures and Algorithms.**

# PROJECTS

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## PDF-GPT

[bit.ly/pdf-gpt](https://bit.ly/pdf-gpt)

July 2024 - September 2024

- Developed a **Next.js AI-powered** web app enabling users to **query PDFs** using **Gen-AI-powered NLP model**.
- Architected a **serverless backend** with **tRPC, Prisma, and Neon (PostgreSQL)** ensuring seamless data management and vector storage with **Pinecone**.
- Integrated **Google Gemini, Langchain, and Vercel AI** enhancing **query precision and response times**.
- Optimized **PDF processing pipeline** for real-time document parsing and **efficient file storage via UploadThing (AWS s3)**.
- **Tech Stack:** Next.js, React, Tailwind CSS, Shadcn/UI, tRPC, Prisma, PostgreSQL (Neon), Pinecone, Google Gemini, Langchain, UploadThing (AWS S3), Stripe, Kinde, Vercel.

## Mood for Spotify

[bit.ly/moodforspotify](https://bit.ly/moodforspotify)

May 2022 - July 2022

- Built a **React.js** web application that generates **mood-based Spotify playlists** using the **Spotify Web API**.
- Developed a **data visualization dashboard** allowing users to explore **top artists, top tracks, and recently played songs** with **detailed audio insights**.
- Designed an **interactive playlist generator** enabling users to **filter, create, and save playlists** based on mood and genre preferences.
- **Tech Stack:** React.js, Styled-Components, Spotify Web API, OAuth, Chart.js, Netlify.

# ACHIEVEMENTS

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- **STAR&R - Client Appreciation Award** at **PwC India** for delivering high-quality, timely solutions and receiving **outstanding client feedback**.
- **STAR&R - Spot Award** at **PwC India** for significant contributions to the **PwC Knowledge Repository**.
- Ranked **308th out of 300,000+ students** in the West Bengal Joint Entrance Examination (**WBJEE-2016**).