

# PUSPAL PAUL

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## OBJECTIVE

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Software Engineer with 2+ years of experience in full-stack web development, seeking full-time roles.

## EDUCATION

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### B.Tech in Computer Science and Engineering,

Government College of Engineering and Textile Technology, Berhampore

Expected 2025

## SKILLS

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Languages	JavaScript, TypeScript, Python
Frontend	Next.js, React, Tailwind CSS, shadcn, MaterialUI
Backend	FastAPI, Node.js, NestJS, Express.js
Soft Skills	Time Management, Communication, Problem-solving and critical thinking
Databases and ORM	MongoDB, PostgreSQL, Prisma
Tools	npm, Git, Github, Postman, SwaggerUI

## EXPERIENCE

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### Full Stack Web Developer Intern

Oct 2024- Dec 2024

Pratinik Infotech

India

- Designed and deployed a highly responsive e-commerce platform using MERN stack capable of handling up to 1,000 concurrent users, ensuring a seamless shopping experience.
- Integrated Stripe and Razorpay APIs, enabling secure and efficient multi-currency transactions, reducing payment failure rates by 15%.
- Delivered the project ahead of schedule, cutting development time by 20% through streamlined workflows and reusable React components.

## PROJECTS

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**LearnFlow**, a learning-focussed todo app

[GitHub](#)

- Tech Stack: Next.js, Node.js, Express, MongoDB, Gemini API
- Developed a full-stack productivity app integrating AI-assisted learning tools, including a study timer, task prioritization, and Gemini API-driven note/resource generation.
- Implemented an AI chatbot for real-time academic support, reducing user research time by leveraging Gemini API's NLP capabilities.
- Designed a dynamic task management system with priority-based scheduling and progress tracking using MongoDB for data persistence.
- Achieved a 30% faster task completion rate through AI-optimized study sessions and resource recommendations.

## EXTRA-CURRICULAR ACTIVITIES

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- Actively participated in the reunion event "REMINISCENCE 2K24" as tour inviter and also in the technological events.
- Took part in the "6th Biswa Banga Science and Technology Congress, 2024" as both participant and also performed in the cultural events.
- Won third prize in Nazrulgeeti section in "All-State Bidhan Sishu Udyan" singing competition.