



Puspal Das

+91 8051166098 puspal.das.17@outlook.com Puspal Das Howrah, West Bengal India
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Profile

A dedicated and disciplined aspiring Software Developer with a strong foundation in programming concepts and logical problem-solving. I demonstrate the ability to learn new technologies quickly and apply them effectively in practical scenarios. Known for my professionalism, attention to detail, and collaborative work approach. I am seeking an opportunity to begin my career in software development and contribute to the organization with commitment and quality work.

Education

Siksha 'O' Anusandhan	09/2023 – Present
Bachelor of Technology Computer Science and Engineering, CGPA-8.5	Bhubaneswar, India
Oxford Public School	03/2020 – 03/2023
10th- 92% — 12th- 70%	Ranchi,India

Skills

Programming Languages — Java,C/C++, Python, JavaScript

Web Development — MongoDB, PostgreSQL, Express.js, React.js, Node.js, Next.js, TailwindCSS

Computer Fundamentals — Data Structures and Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems, Computer Networks, SQL.

Developer Tools — Git, GitHub, VS Code, Google Cloud Platform, Firebase, Docker, Postman, Linux (Basic).

Interpersonal — Leadership, Teamwork, Problem Solving, Quick learning, Adaptability, Analytical thinking

Projects

TripGenius

Smart Travel Planner Web Application

- **Full-Stack Development:** Built a travel planning platform using Node.js, Express, MongoDB, HTML, CSS, and JavaScript with scalable REST APIs and a responsive UI.
- **Security & Performance:** Implemented JWT authentication and optimized backend architecture for smooth, reliable performance.
- **Smart Recommendations:** Added a Smart Destination Suggestion System with dynamic itinerary creation and auto-save features.

BuyAndSell WebApp

- **Full-Stack Development and Performance Optimization:** Developed a responsive buy-and-sell platform using Next.js for server-side rendering, integrated with React for the frontend to ensure high performance and scalability.
- **Efficient Data and State Management:** Integrated Prisma with PostgreSQL for streamlined database operations and utilized Recoil for efficient state management, simplifying complex logic in the application.
- **Authentication, Media Handling and Styling:** Implemented secure authentication with NextAuth.js, optimized image storage using Edge Store, and ensured a modern, consistent UI with Tailwind CSS.

Certificates

- Machine Learning with Python
- AI Infrastructure and Operations Fundamentals
- Google AI Essentials
- Version Control
- Microsoft Copilot for Productivity by Microsoft and LinkedIn