

UTTAM GHOSH

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TECHNICAL SKILLS

- **Frontend:** Next.js, React.js, Tailwind CSS, ShadCN UI, HTML, CSS, JavaScript
- **Backend:** Node.js, Express.js
- **Database:** MongoDB
- **Tools/Platforms:** Git, GitHub, LangChain, Google Gemini API, Razorpay
- **Concepts:** CSR, SSR, SSG, REST APIs, Dynamic Routing

EXPERIENCE

Frontend Developer | Online Savaari **Jan 2024 – Present**

- Built 5+ booking modules (flights, hotels, insurance, visa), enhancing platform coverage and increasing feature delivery by 60%.
- Integrated 10+ RESTful APIs to manage dynamic data, reducing API response issues by 35%.
- Improved page speed by 30% using lazy loading, code splitting, and performance profiling.
- Created a reusable component library that boosted internal development efficiency by 20%.

Web Developer (Part-time) | GroceryBays.com **May 2023 – Dec 2023**

- Redesigned website layout for responsiveness, improving mobile experience and reducing bounce rate by 25%.
- Implemented 10+ interactive UI components using JavaScript, resulting in a 15% increase in user engagement.
- Optimized front-end delivery to reduce average page load time by 2.3 seconds, enhancing SEO score.

PROJECTS

AI-Powered PDF Analyzer

- Engineered a PDF analysis tool to handle 50+ documents/day, resulting in a 30% reduction in manual review time.
- Integrated LangChain with Gemini API to process text and generate summaries with 90% accuracy in test cases.
- Optimized response pipeline to deliver insights in under 5 seconds, enhancing user workflow efficiency.

AI Flashcard Generator

- Developed a Q&A generator for flashcards with support for 5,000+ character inputs, improving study speed by 40% for beta users.
- Enabled export in 3 formats (JSON, PDF, CSV), increasing usability for students across different platforms.
- Launched a flip-card UI used by 100+ early adopters, receiving positive feedback from 85% of users.

Online Ticket Booking System

- Built an end-to-end booking app integrating 3+ airline APIs, enabling real-time data for 100+ flight searches/day.
- Integrated Razorpay for secure payments, processing 50+ test transactions with zero failures.
- Reduced booking completion time by 40% through UI optimization and efficient API handling.

EDUCATION

Bachelor of Arts (B.A.) | Jhargram Raj College **Completed in 2022**

TRAINING & CERTIFICATIONS

- **MERN Stack – Bengali Coding Academy** **Feb 2024 – July 2024**
- **Next.js Projects – Get SDE Ready** **June 2023 – Nov 2023**
- **React Development – Masai School** **Dec 2022 – Mar 2023**
- **Web Development Basics – Code with Random** **Feb 2022 – Sep 2022**