Tarapada Garai

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GitHub | LinkedIn

Skills

Languages: C/C++, Java, Python, JavaScript, TypeScript, SQL

Technologies & Tools: ReactJS, NodeJS, ExpressJs, MongoDB, MySQL, Tailwind CSS, Bootstrap, jQuery, DBMS, DSA, AWS, Docker

Work Experience

Uniquedokra Workshop | Project Link
Backend Developer at Zcodestudio

- Developed e-commerce backend with admin/user roles, improving product management by 40%.
- Built dashboard APIs for sales graphs, inventory, and gallery, reducing tracking errors by 50%.
- Designed secure backend with JWT/bcrypt and , ensuring 100% authenticated operations.

KRISHTI | Project Link
Backend Developer at Zcodestudio

- Built backend system for smooth artwork uploads and management, improving organization by 45%.
- Created admin dashboard APIs with graphs for uploads and engagement, reducing manual tracking by 50%.
- Integrated Cloudinary for media handling, improving delivery speed by 35%.

Product

College Chat & File Sharing Platform | Project Link
Full-Stack Development

- Built a no-login real-time chat & file-sharing platform with 6-digit room codes, adopted by 100+ students, improving collaboration by 40%.
- Implemented RSA + AES encryption for 100% secure communication.
- Integrated AI assistant for instant query resolution, reducing support requests by 30%.

Education

Brainware University

Bachelor of Computer Applications - Computer Science

2024 - 2027
Kolkata, WB

Project Work

AI-Powered Instagram Clone | Project Link

- Developed an Instagram-like platform with secure OTP/JWT login.
- Integrated AI for image generation, captions, and bios, boosting engagement by 30%.
- Implemented posts, reels, stories, likes, messaging, and smart user suggestions, improving discovery by 25%.

AI-Powered Google Keep Clone | Project Link

- Built a secure note-taking app with JWT/bcrypt login and AI-based title generation.
- Implemented uploads, labels, archiving, search, and checklist separation, improving productivity by 35%.
- Delivered a scalable Google Keep-like UI/UX with organized note layout.

Spotify Clone | Project Link

- Built a music streaming platform with Clerk Google login and role-based admin features.
- Enabled music upload, playlists, real-time messaging, and online/offline status, improving user interaction by 40%.
- Added "Now Playing" visibility so users can see what others are listening to, boosting engagement by 30%.

Awards and Certificates

- Dev Innov8+ Hackathon was held in our college and I secured 4th place in the entire college | Link
- I have been selected among the top 5 students in my college to receive additional education and training in the C programming language.
- Worked as a Computer Teacher Trainer at Birsingha RGCSA (Sep 2022 – Jun 2024), design tools, accounting software, and system support. | Link