

Tushar Kanti Dey

Full-Stack Developer — UI/UX Specialist —
AI-Ready Engineer

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Professional Summary

Results-oriented **Full-Stack Developer** and **UI/UX Specialist** with proven experience delivering high-performance, scalable, and visually engaging web applications. Skilled in blending modern frontend design with robust backend architecture, integrating APIs, and optimizing user experiences for increased engagement. Adept at working with cross-functional teams, managing projects end-to-end, and implementing AI-powered features to drive innovation.

Core Competencies

Frontend Development	Next.js, React.js, Tailwind CSS, JavaScript/TypeScript, HTML5, CSS3, Responsive Design, GSAP, Framer Motion, Bootstrap	Backend Development	Node.js, NestJS, Express.js, RESTful APIs, GraphQL, WebSockets, Real-Time Data Processing
Databases & Storage	PostgreSQL, Supabase, NeonDB, MySQL, MongoDB, Redis, Firebase	UI/UX Design	Figma, Adobe XD, Lottie Animations, Motion UI, Wireframing, Prototyping, Accessibility Design (WCAG)
DevOps & Tools	Git/GitHub, Vercel, Docker, CI/CD Pipelines, Jira, Agile/Scrum, Performance Optimization	APIs & Integrations	OAuth2, GitHub OAuth, Clerk Authentication, Stripe, NVIDIA API, OpenAI API, Payment Gateways

Signature Projects

ZenYTE

Key Achievements: Built a real-time analytics dashboard with live data streaming, interactive charts, and advanced filtering, improving data insight delivery speed by 40%.

Tech Stack: Next.js, Tailwind CSS, GSAP, Redis, WebSockets, NestJS.

Fenix

Key Achievements: Integrated AI to automate task recommendations and progress tracking, increasing team productivity by 25%.

Tech Stack: Next.js, OpenAI API, Supabase, Clerk Auth, Node.js.

CarePulse

Key Achievements: Created a patient monitoring system with predictive health alerts, enabling 20% faster diagnosis times.

Tech Stack: React.js, NestJS, PostgreSQL, Chart.js, Docker.

PopcornPlay

Key Achievements: Delivered a cinema-inspired streaming UI with buttery-smooth playback and personalized recommendations.

Tech Stack: Next.js, Tailwind CSS, Figma, Lottie.

Education

2023–Present **B.Tech in Computer Science**, Adamas University, Kolkata, India
Specializations: UI/UX Design, Artificial Intelligence, Software Development

Key Achievements

- Developed and deployed multiple AI-powered applications with real-time capabilities, reducing latency by 40%.
- Led end-to-end development of two SaaS platforms, from concept to live deployment, meeting tight deadlines.
- Designed micro-interaction animations and motion effects that increased session duration by up to 18%.
- Active open-source contributor with GitHub projects used by developers worldwide.

Soft Skills

- Collaborative team player with strong communication skills
- Problem-solving mindset with attention to detail
- Adaptable and quick learner in fast-changing tech environments