

Aritra Ray

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SUMMARY

Full-Stack Software Engineer with experience building scalable web applications, REST APIs, AI-powered products, and cloud-backed systems. Proficient in React, Next.js, Node.js, TypeScript, Python, MongoDB, PostgreSQL, and Docker. Passionate about solving complex engineering problems, shipping production-ready software, and learning new technologies quickly.

EXPERIENCE

Software Engineer

Faunly LLC

Remote

Jun 2026 – Present

- Developing scalable backend services, REST APIs, database architectures, authentication systems, and third-party integrations.
- Collaborating with cross-functional teams to deliver production-ready features and improve system performance.
- Writing clean, maintainable code and participating in code reviews to uphold engineering best practices.

Full-Stack Engineer

Ezzstar

Remote

May 2026 – Present

- Founding contributor to **Ezzstar**, a Web3 entertainment and social platform; built core features across the website and mobile app. Live: [social-frontend-mocha.vercel.app](#)
- Delivered the **Gist feature** end-to-end using **Node.js/Express** REST APIs, **React**, and **Google OAuth** for secure login.
- Built backend APIs for the Events module and delivered frontend improvements through collaborative PR reviews.

Full-Stack Developer

AiRedify

Remote

Dec 2025 – Present

- Built **AirEdify**, an EdTech platform using **Next.js 14**, **Strapi CMS**, and **MongoDB**, supporting book sales for **500+ students**.
- Integrated **Razorpay** and **AWS SES**, reducing failed transactions by **~30%** and automating **1,000+ emails/month**.
- Improved performance using **ISR**, reducing page load time by **60%** to under **1s**. Live: [airedify.in](#)
- Designed the content schema in **Strapi** to give the team a flexible, code-free way to publish new courses.

PROJECTS

Lumio | *TypeScript, Node.js, React, Tailwind CSS, WebContainers API* | GitHub

- Browser-based app builder where users run **Node.js** and **React** projects in-browser using **WebContainers API**.
- Built TypeScript backend for project scaffolding and AI-driven code generation under **3 seconds**, with live preview and virtual file tree.
- Optimized WebContainer lifecycle and AI streaming for a responsive development experience.

Uber Clone | *Node.js, Express, MongoDB, React, Socket.IO, JWT* | GitHub

- Full-stack ride-hailing app with fare calculation, booking, trip completion, **JWT** auth, and role-based route guards.
- Implemented **Socket.IO** real-time ride updates with sub-second latency and MongoDB geolocation indexing for driver matching.
- Designed role-based dashboards for riders and drivers with live trip status and fare breakdowns.

Chess Game | *Node.js, Express, Socket.IO, chess.js* | GitHub

- Multiplayer chess backend using **WebSockets** and **chess.js** for real-time server-side move validation.
- Maintained synchronized real-time game state across connected clients.
- Handled reconnect and disconnect edge cases to keep games resumable without state loss.

ACHIEVEMENTS

Diversion Hackathon – Finalist | *Next.js 14, Auth0, Prisma, PostgreSQL, Gemini AI* | Live Demo

- Reached finals at **Diversion Hackathon** as a top **10 team** among **200+ participants** by building **ReviewIQ**, an AI SaaS product.
- Built a multi-tenant AI SaaS with **Auth0**, **Prisma**, **PostgreSQL**, and **Next.js** within **24 hours**.

SKILLS

Languages: TypeScript, JavaScript, Python, Java, C, HTML5, CSS3 **Frontend:** React 18, Next.js 14, Tailwind CSS, Shadcn/UI, Vite, Redux Toolkit

Backend: Node.js, Express.js, Strapi CMS, REST API Design, Webhooks **Databases:** MongoDB, PostgreSQL, Prisma ORM, Schema Design & Indexing

Cloud & DevOps: AWS SES, Docker, Vercel, CI/CD basics

Real-Time: Socket.IO, WebContainers API, WebSockets

Auth & Payments: JWT, Auth0, Razorpay, RBAC

Tools: Git, GitHub, Postman, VS Code, ESLint

Testing: Jest, React Testing Library, Postman

Concepts: DSA, OOP, System Design Basics, Agile/Scrum

EDUCATION

Maulana Abul Kalam Azad University of Technology

West Bengal, India

B.Tech in Computer Science & Engineering

Expected Apr 2027

- Relevant Coursework: DSA, DBMS, Operating Systems, Computer Networks, OOP, Software Engineering.