Anamitra Roy

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Summary

Results-driven developer with **2+ years experience** in **web, app, and data analytics**. Proficient in **MERN, Python, Flutter, Agile, CI/CD, and cloud-native solutions**, delivering secure, user-centric products.

Core Competencies

- **Full Stack Development** (MERN, Python) | **Cloud** (AWS) | **AI/NLP** | **Mobile Development**

Technical Skills

- **Languages:** Python, JavaScript, TypeScript, SQL, Dart
- **Frontend:** React.js, Next.js, Tailwind CSS, Three.js, Vite
- **Backend:** Node.js, Express.js, RESTful APIs, Mongoose
- **Mobile:** Flutter, Android Studio
- **Databases:** MongoDB, MySQL, Firebase
- **Cloud/DevOps:** AWS, Docker, CI/CD, Netlify
- **Tools:** Git, Jira, Postman, Figma, Tableau

Experience

Full Stack Developer (Freelance), WizzTech   **Apr 2024 – Feb 2025 | Remote**

- Led **MERN stack** development, delivering 8+ projects (dashboards for EduTech/Medical clients); engineered robust **RESTful APIs** and established automated **CI/CD pipelines**.

Chatbot Development Intern, Teleperformance   **Mar 2023 – Jun 2023 | Kolkata, India**

- Engineered an **AI/NLP chatbot** integrated with CRM, migrating legacy code to React.
- Achieved a 42% reduction in customer interaction time and enhanced system maintainability/scalability.

Business Analyst Intern, Globe Pvt. Ltd.   **Sep 2022 – Feb 2023 | Remote**

- Developed responsive web apps with React, managed databases, and deployed cloud solutions via Azure.
- Boosted application performance by 50% through streamlined SQL tasks and improved cross-browser compatibility.

Projects

WhizBee – Microlearning Platform   **React, TypeScript, Firebase**
Gamified **AI-driven quizzes** modules; 2000+ total users, featuring animated UI.

FlashAlgo – Algorithm Visualizer   **React, Tailwind CSS, TypeScript**
Interactive sorting path-finding animations; utilized by 500+ students to learn data structures.

Jamzy – Offline Music Player   **Flutter, Hive, just_audio**
Bundled 111 asset-based tracks with favorites playlists; achieved 100% offline reliability.

Research Achievements

- **Best Project Award:** Diploma Final Year Project (Sustainable Travel Booking Website with AI integration).
- College Management System (2025): Authored a paper on an integrated system to streamline admin/academic processes; acknowledged by HOD Dean.
- Volunteered for Kristikska NGO, teaching computer science to children at an orphanage.

Education

B.Tech Computer Science Eng.   **Techno India University (May 2022–Apr 2025)**
CGPA: 8.0/10.0

Diploma Computer Science   **Techno India University (May 2019–May 2022)**
CGPA: 8.0/10.0