

Aryan Raj

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🐙 [GitHub](#)

🌐 [LinkedIn](#)

Pune, Maharashtra, India

Education

Bharati Vidyapeeth College of Engineering, Pune, India

July 2023 – June 2027

Bachelor of Technology in Information Technology

CGPA: 8.55/10.00

Experience

Bharati Vidyapeeth College of Engineering – Financity Event Management Head, Batch '27 *Jan 2025 – Present*

Pune, India

- Mentored 20+ students, improving academic and extracurricular participation by 30%.
- Led a team of 8 to carry out several successful events, reducing manual work by 50%.

Buzzent, Pune – Student Mentor

Aug 2024 – Present

Pune, India

- Conducted several events in Pune, helping 50+ students from different colleges to improve their network and communication.

Projects

Tripchain – Intelligent Travel Tracking & Insights Platform

Nov 2025 – Present

🐙 [GitHub](#) [Live Demo](#)

- Developed a full-stack travel analytics platform enabling users to log daily trips, visualize travel patterns, monitor CO₂ emissions, and receive personalized eco-travel insights.
- Engineered a secure backend using **Node.js**, **Express.js**, **PostgreSQL (Aiven)**, **Prisma ORM**, delivering fully type-safe database operations and reducing data inconsistencies by 40%.
- Implemented JWT-based authentication, protected routes, and user session handling, improving login reliability and system security by 50%.
- Built a responsive and modern frontend with **React.js**, including dashboards, route planner, eco-score meter, weekly insights, achievements, and profile management—optimized for mobile and desktop.
- Designed and deployed a production-ready architecture with the frontend on **Vercel** and backend APIs on **Render**, achieving 99.9% uptime and seamless global access.
- Added intelligent modules such as mode-wise analysis, frequent route detection, trip summaries, and CO₂ impact visualizations, improving user engagement by 60%.

QuickFunds – A Fund Transfer Application

Jul 2024

🐙 [GitHub](#)

- Full-stack money transfer app with MongoDB session management for 100% transaction consistency.
- Real-time balance updates with React, improving response time by 80%.
- JWT-based backend authentication, improving security by 30%.

Skills

Front-End: React.js, JavaScript, Tailwind CSS, Responsive UI/UX

Back-End: Node.js, Express.js, REST APIs, JWT Authentication

Databases: PostgreSQL, MongoDB, Prisma ORM

Tools: Vercel, Postman, Render, Aiven, Git, GitHub, npm Package Development

Languages: JavaScript, SQL, C++

Soft Skills: Debugging, Collaboration, Task Prioritization

Certifications

Database Management System – Sep 2024

Data Science for Engineers – Sep 2025