

AAYUSH KR. MISHRA

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Education

Indian Institute of Information Technology, Ranchi

Ranchi, Jharkhand

B.Tech in Electronics and Communication Engineering(CGPA : 8.13)

2021 – 2025

Experience

Unboxing Deal

Frontend Intern

May 2023 – July 2023

- Developed responsive frontend using **React.js**, **TailwindCSS**, and **JavaScript**, collaborating with a team of 7.
- Implemented secure user authentication and authorization, enhancing the platform's security.

Projects

RiffRanger | *Tailwind CSS, React, Redux Toolkit, UperChordJs, ToneJS API, JWT, Node, MongoDB, Express.js*

- Built a guitar learning platform using the **MERN stack**, integrating **ToneJS** and **UperChord.js** APIs to improve user experience.
- Created interactive features like **Metronome**, **Community**, and **Sound Guessing**, increasing engagement.
- Implemented store feature with **Redux Toolkit** and integrated **Stripe**, reducing transaction errors by **50%**.
- Demo: riff-ranger-lc7u.vercel.app

JourneyMate | *Tailwind CSS, JavaScript, React, Gemini API, Google Places API, Firebase, Google Auth*

- Developed an AI-powered trip planner with **Gemini API**, generating 1,000+ personalized itineraries.
- Integrated **Google Places API** to provide details for 5,000+ hotels and destinations.
- Added **Firebase** for backend and **Google Auth** for secure logins cutting login time to **under 2 seconds**.
- Demo: journey-mate.vercel.app

Flavos | *ReactJS, TailwindCSS, MongoDB, Express.js, Node.js, JWT, MapBox API, Edamam API, Stripe.js*

- Created a scalable food delivery app using **ReactJs** for frontend, with a **responsive UI** using **TailwindCss**, reducing page loads by **3.2 seconds**.
- Optimized backend with **MongoDB** and **Express.js**, improving request handling by **1.5 seconds**.
- Added **Edamam API** for recipe search and **Stripe.js** for secure payments, reducing transaction time by **7 seconds**.
- Demo: chipper-sopapillas-50ab5e.netlify.app

Skills

Languages: **JavaScript**, C/C++, Python, HTML/CSS

Web Development: **MongoDB**, **Express**, **React**, **Node.js**, **TailwindCSS**, **Bootstrap**

Tools: **Git**, Visual Studio Code, **MySQL**, **Docker**

Deployment: **GitHub**, Acquainted with **AWS fundamentals** including **CI/CD**, **EC2**, **S3**, and **IAM**

Soft Skills: **Team Collaboration**, **Leadership**, Insightful Analysis, Conflict Resolution

Initiatives and Interests

Actively exploring open-source repositories to contribute and enhance **collaborative coding skills**.

Participating in **open-source forums** and events like **Hacktoberfest** to gain hands-on experience in **community-driven development**.

Achievements

Ranked 232 among **250,000** participants in **Juspay Hiring Challenge-2025**.

2nd place in the **HackIIITR hackathon (2022)** among **30+ teams** for developing an innovative web solution for **skin health**.

Solved **600+** problems on various coding platforms like **LeetCode** and **GeeksforGeeks**.