# Ashutosh Rath

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## EDUCATION

- **National Institute of Technology, Rourkela** — Odisha, India
  *Bachelor of Technology - Electrical Engineering* — *July 2021 - May 2025*

## SKILLS SUMMARY

- **Languages**: C++, JavaScript, SQL, Bash
- **Frameworks**: ReactJS, NextJS, NodeJS, Reactstrap, TailwindCSS, Django
- **Tools**: Git, Github, Docker,Vscode, Figma, MySQL, GraphQL
- **Platforms**: Linux, Web, Windows, GCP
- **Soft Skills**: Leadership, Event Management, Writing, Public Speaking

## EXPERIENCE

- **Full-stack developer, LesGo** — Remote
  *Internship* — *December 2023 - March 2024*
  - **Frontend development**: I worked on the frontend development efforts for both the website and the **admin dashboard**, ensuring seamless user experiences for our **5000+ users** during the v1 phase.
  - **Backend development**: I engineered robust **APIs** using **Node.js and AdonisJS** to optimize functionality within the admin panel. Leveraging **Redux** utilities, I implemented CRUD APIs to streamline data management processes.

- **Full Stack Developer, Event Management Application** — Client Project
  *Project* — *June 2024 - August 2024*
  - **Development Approach**: Conceptualized **3 database schemas** with **15+ models**, optimized for scalability. Designed **10+ RESTful APIs** following best practices, resulting in **¡200ms** average response times for handling **1000+ concurrent requests**.
  - **Proficiencies Demonstrated**: Showcased expertise in full-stack development, database design for **50,000+ records**, API optimization (**90% response time reduction**), and agile project management (**2-week sprints**). Collaborated with **6** team members, ensuring **100%** on-time delivery while maintaining **¡0.1% bug rate**.

## PROJECTS

- **git-re ( Frontend Development)**: Developed a web application aimed at **generating professional resumes from GitHub profiles**. Key achievements include:
  - **Tech Stack**: Utilized a combination of the **Github API, Next.js, Tailwind CSS, and ShadcnUI frameworks** . Additionally, integrated **Postman** for enhanced functionality and testing.
  - **Impact**: Achieved an outstanding debut with over **600 users** on launch day and overall **2000+ users** from **20+ countries**.
  - **ProductHunt Success**: Secured the prestigious **25th position on ProductHunt**, validating the project's quality and appeal.

- **BruinBuzz - Event Management (Full Stack Development)**:
  - **Technologies**: Utilized a comprehensive tech stack including **ReactJS, Node.js, ExpressJS, MongoDB** for robust development.
  - **Development Approach**: Conceptualized **3 database schemas** with **15+ models**, optimized for scalability. Designed **10+ RESTful APIs** following best practices, resulting in **200ms** average response times for handling **1000+ concurrent requests**.
  - **Proficiencies Demonstrated**: Showcased expertise in full-stack development, database design for **50,000+ records**, API optimization (**90% response time reduction**), and agile project management (**4 day sprint**). Collaborated with **6** team members, ensuring **100%** on-time delivery while maintaining **0.1% bug rate**.

- **Travel Tales (Web Development, Full-stack Development)**: The focal point of the website is its visually **captivating cards showcasing engaging travel posts**, which play a pivotal role in delivering an immersive user experience. Key highlights include:
  - **Technology** : Utilized a robust tech stack comprising **ReactJS**, **ExpressJS**, **MongoDB**, and **NodeJS** to develop the platform.
  - **Impact**: The Travel Tales website has attracted over **50 users** to date, with a growing user base.

## TECHINCAL WRITINGS

- **Blog: Memoization on Web (Web Development)**: A Technical Blog on concept of **Memoization** in Javascript, React and other programming languages which was read by over **500+ users cumulative**.

- **Blog Series: Chrome DevTools(Web Development, Chrome DevTools)**: A blog series on Chrome Dev Tools which provides a deep insights on Chrome Dev Tools making it easier for beginner developers. The blog has improved read ratio by 45%.

## Honors and Awards

- Won the **Quine - hacktoberfest** challenge being in the **top 50 hackers worldwide** - October, 2023
- Awarded the institute level winner award of **Solving For India hackathon** - June, 2023

## Volunteer Experience

- **Google Cloud Study Jam Facilitator**: Odisha, India    Conducted online and offline technical & soft-skills training impacting over **3000 students**.  - **September 2023**

- **Lead Organizer at HackNITR Hackathon**: Rourkela, India    Organized hackathon, sessions, workshops which had cumulative **10,000+** participants.  - **January 2023- Present**