

Keshav Barnawal

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EDUCATION

Year	Degree/Certificate	Institute	CGPA/%
2022 – Present	B.Tech – Electronics and Communication engineering	National Institute of Technology, Jamshedpur	8.18
2019-2021	Class XII – CBSE	DAV Kapil Dev Public School, Ranchi	91%
2018-2019	Class X - CBSE	Jharkhand Public School, Baliyapur	91%

SKILLS

- Data Structure and Algorithms, Problem-Solving, Full Stack Web Development
- **Languages:** C++, HTML, JavaScript, TypeScript, MySQL
- **CS Fundamentals:** Object-Oriented Programming (OOPs), Operating System, DBMS
- **Web Development:** ReactJS, NextJS, TailwindCSS, NodeJS, ExpressJS, MongoDB
- **Frameworks & Libraries:** ShadcnUI, EmailJS, Clerk, Arcjet, Inngest, Supabase
- **Tools/Platforms:** Git, GitHub, Postman

PROJECTS

TrackFi – AI Powered Expense Tracker App | [Project Link](#)

- Develop a full-stack AI-powered finance tracking platform that enables users to manage income, expenses, and financial goals with intelligent insights.
- Implemented **AI-driven receipt scanning**, automated expense categorization, and personalized budget recommendations and insights, improving usability and financial awareness.
- Built secure authentication & authorization system with bot protection using Clerk & Arcjet.
- Provides a transactions history with tabular records and interactive graph to visualize spending, along with a dashboard featuring a pie chart for category-wise expense distribution.
- Integrated email for budget alerts and monthly report of transactions with AI generated insights.
- Tech Stack: **Next.js, ShadCN UI, Clerk, Arcjet, Supabase, Inngest, Gemini Flash 1.5.**

Imagine – Text to Image Generator | [Project Link](#)

- Developed a full-stack MERN web application that allows users to generate images from text prompts.
- Implemented secure JWT-based authentication for user registration and login.
- Designed a modern, responsive UI with React.js and Tailwind CSS to enhance user experience.
- Integrated a subscription system using Razorpay, enabling users to purchase credits for image generation.
- Deployed the app with Vercel(frontend) and Render(backend) for reliable performance and scalability.
- Tech Stack: **React.js, NodeJS, Express.js, MongoDB, RazorPay**

ACHIEVEMENTS

- 2nd position in Bread Board Blitz - OJASS 2024 (Technical Fest, NIT Jamshedpur)
- 3rd position in Bot Race competition in Nexus event 2023
- Solved 400+ DSA questions on platforms like LeetCode, GeeksforGeeks, etc.

PROFILE LINKS

- LeetCode: leetcode.com/u/Kesh_9835/
- GeekForGeeks: geeksforgeeks.org/user/kbmve3elt/
- GitHub: github.com/Keshav9835
- Portfolio: [portfolio_link](#)

POSITION OF RESPONSIBILITIES

- NSS Member at NIT Jamshedpur: Actively participated in social service activities and community development programs.
- Volunteer Educator at Sankalp, NIT Jamshedpur: Provided educational support to over 100 underprivileged children.