

Rakesh Kumar Patra

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OBJECTIVE

Frontend developer specializing in React.js with a strong foundation in Django backend development. Skilled in building responsive, user-centric web applications with modern UI/UX principles and tools like Figma. Adept at translating design concepts into functional, scalable solutions across the full stack.

SKILLS

Frontend: React.js, HTML, CSS, UI/UX Design, Figma
Backend: Django, REST API Development
Programming Languages: Python, C, JavaScript
Databases: MySQL, MongoDB, SQLite
Coursework: Data Structures & Algorithms, Object-Oriented Programming, Operating Systems
Developer Tools: VS Code, Git/GitHub, PyCharm, Anaconda, Jupyter Notebook
Soft Skills: Problem Solving, Team Collaboration, Critical Thinking, Video Editing

PROJECTS

- College Talkies** | Python, Django, JavaScript [Live Demo](#)
- Developed a discussion platform enabling users to create and engage in topic-based threads, resulting in **100+ active conversations** during beta testing.
 - Implemented a responsive design with **Bootstrap**, improving mobile usability and reducing bounce rate by **20%**.
- iHike** | React, Vite, Tailwind CSS [Live Demo](#)
- Built a hiking trip planning platform where users can explore **50+ destinations**, view trail details, and customize itineraries.
 - Designed a responsive, modern UI with **Tailwind CSS**, leading to improved user session duration by **30%**.
 - Optimized performance with **Vite bundling**, achieving load times under **2 seconds**.
- HelloGrids** | React, Vite, Tailwind CSS, Three.js [Live Demo](#)
- Engineered an interactive drag-and-drop builder with **20+ pre-built components** for rapid UI prototyping.
 - Integrated real-time code generation, enabling instant viewing and copying of layout code, reducing manual coding effort by **60%**.
 - Enhanced visual previews using **Three.js**, improving design accuracy and client feedback turnaround.
 - Targeted towards developers aiming to accelerate layout creation workflows with minimal coding.

EXPERIENCE

- Web Developer Intern** Remote
Bharat Economic Forum June 2025 – Aug 2025
- Developed a Health & Pharma sales/landing page with **React.js, Tailwind CSS**, boosting lead capture by **25%**.
 - Created a responsive UI aligned with brand guidelines, improving engagement and navigation.
 - Led 4 developers to fix **15+ critical issues**, reducing downtime and enhancing performance.
- Backend Development Lead** SUIT, Burla
GDG - On Campus Sep 2024 – Feb 2025
- Led backend for **3+ projects** using **Django, REST APIs**, ensuring scalability and security.
 - Optimized workflows, cutting server response time by **20%**.
 - Mentored 6+ peers in Django best practices and Git workflows.

EDUCATION

- Sambalpur University Institute of Information Technology** Burla, Odisha
Bachelor of Technology in Computer Science and Engineering 2022 – 2026
- Jawahar Navodaya Vidyalaya** Khordha, Odisha
Intermediate in Science (XII) 2019 – 2021

CERTIFICATIONS

- 100 Days of Code: The Complete Python Pro Bootcamp**
Certificate Oct 2024