KARAN RAI

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SKILLS

- **Frontend -** HTML5, CSS3, JavaScript, **React,** Bootstrap, Tailwind CSS.
- **Backend -** **Django, Django REST Framework,** Nodejs, Express.
- **Languages -** **Java, Python,** C, C++, PHP.
- **Database -** MySQL, **PostgreSQL,** MongoDB.
- **Version Control -** Git, GitHub.

INTERNSHIPS

Python Developer, Infosys Springboard (Nov 2024 – Present)

- Developed a **Budget Tracker** web app using **Django**, allowing users to manage income, expenses, and savings.
- Added **category-wise budgeting, EMI scheduling,** and **real-time notifications** with **JavaScript** for financial updates.
- Created dynamic dashboards using **Chart.js** and integrated **email alerts** for budget limits and EMI reminders.
- Enabled **PDF/Excel financial reports** with **Pandas** and **ReportLab.**
- Leveraged a tech stack including **HTML, CSS, JavaScript, Python, Django,** and libraries like **Matplotlib** and **Django-APScheduler**.
- Focused on secure authentication, responsive design, and data management for a seamless user experience.

PROJECTS

E-commerce Website Development Project

- Developed an **e-commerce platform** using **Django** with **HTML5, CSS3, JavaScript, Bootstrap** and **PostgreSQL.**
- Integrate **Razorpay** for **secure online payments** and implement **email authentication** for user verification.
- Managed database operations using Django ORM, ensuring efficient data storage and retrieval.
- Implemented key features such as **product catalog, search, order management,** etc. to enhance user experience and site functionality.

Dynamic Blog Website Development

- Developed a **dynamic blog platform** using **Django, HTML, CSS, JavaScript, and Bootstrap.**
- Implemented **user authentication, pagination,** and additional features.
- Deployed on a **virtual cloud platform** using **Nginx** and **Gunicorn** on **Ubuntu.**
- Ensured **responsive design** and intuitive navigation for enhanced user experience.

EDUCATION

MCA | MIT ACSC Alandi   2023 - 2025

- Currently pursuing final year **M.Sc. Computer Application** under **SPPU** with a **9.19 CGPA** (up to Semester II).

BCA (science) | Prof. Ramkrishna More College Akurdi   2020 - 2023

- Graduated with a **9.15 CGPA** under **SPPU**

ACTIVITIES

- **First place at ICCIS 2.0 (2024**) for a paper on Privacy-Preserving ML using Homomorphic Encryption.
- Contributed to open-source projects in the Digital Ocean Hackathon.
- **Published a research paper** on **Privacy-Preserving Machine Learning using Homomorphic Encryption.**
- Participated actively in various college contests, demonstrating proficiency in web design, coding, problem-solving etc.