DIYA PATHAK

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Education

Jaipur Engineering College and Research Center	**2021 - 2025**
Bachelor of Technology - Information Technology	*9.08 CGPA*
Rawat Public School	**2021**
XII, CBSE	*90.20 %*
St. Sheetal Royal Academy School	**2019**
X, RBSE	*91.17 %*

Experience

Zedologic Software pvt. Ltd — **Jul 2023 – Sep 2023**
Full Stack Developer (Intern) — *Jaipur,Rajasthan*
- Transformed design templates into functional Django templates, ensuring responsiveness and cross-browser compatibility.
- Developed static files including CSS, JavaScript and images to enhance the user interface and improve website performance.

REGEX Softwares — **March 2024 – May 2024**
Backend Developer (Intern) — *Jaipur,Rajasthan*
- Implemented a comprehensive certification generation website using Django, including features for automated certificate creation and distribution.
- Managed databases using PostgreSQL, optimized queries for performance improvement, and ensured data integrity through comprehensive testing and validation processes.

GURUKUL CLASSES — **Jan 2021 – Dec 2023**
Maths Teacher — *Jaipur,Rajasthan*
- Taught Maths to secondary students.

Projects

E-commerce Website |(GitHub) — **Dec 2023**
- Developed a full-featured e-commerce site using Django, with functionalities for product catalog, user authentication, shopping cart, and secure checkout with payment integration.
- Implemented an admin dashboard for product, order, and user management, utilizing technologies such as Django, HTML, CSS, JavaScript, PostgreSQL/MySQL, Stripe/PayPal, and Git

Own IDE | (GitHub) — **March 2022**
- Designed and developed a custom Integrated Development Environment (IDE) using Python, incorporating features such as syntax highlighting, code completion, and file management to enhance developer productivity.
- Utilized Python libraries like Tkinter for GUI development and multiprocessing for efficient task handling.

Farmer Management System | (GitHub) — **Feb 2024**
- Developed a comprehensive Farmer Management System using Django, enabling efficient management of farmer profiles, crop details, and farming activities with features for tracking crop yields, pest control, and resource allocation.
- Implemented an admin dashboard for data management and reporting, utilizing technologies such as Django, HTML, CSS, JavaScript, and MySQL.

Technical Skills

Languages: C, C++, Python, SQL
Developer Tools: Django, Bootstrap, HTML, CSS, JavaScript, MySQL
Strengths: Competitive programming, Data structures, Algorithms, Communication, Teaching, Content Writing, Leadership

POSITION OF RESPONSIBILITY

- **Promotion Team Head** in Renaissance 2k24 - January 2024 – March 2024
- **Campus Ambassador** in E-Cell IIT Bombay - Dec 2021- Sep 2022
- **Cultural Member** in Student Council- JECRC - March 2021- June 2024
- **Content Writer** in Atrangi (Art and Poetry Club -JECRC) - May 2022- June 2023
- **Creative Head** in GDSC WoW - Dec 2021- Sep 2022