Jasraj Choudhary

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EDUCATION

Tezpur University |Master of Computer Application (3 Years) Tezpur, Assam | **07/2021-6/2024**

- **CGPA:** 7.42

Pacific University | Bachelor of Computer Application Udaipur, Rajasthan | **07/2017-09/2020**

- **CGPA:** 7.69

EXPERIENCE

Subject Matter Expert | Chegg India Pvt. Ltd. Remote | **09/2022 – 09/2023**

- Provided subject matter expertise and guidance to the students for their academic progress. Solved various computer science problems.

Young Intern Program (Government of Rajasthan) | Department of Information Technology and Communication (DoIT&C)
Jaipur | **02/2025 – Present**

- Working closely with the PwC PMU team under the supervision of senior government officials to support the implementation of the SMART project.
- Gained deep understanding of functional and technical components of enterprise digital governance solutions.
- Participated in drafting the Rajasthan AI Policy and evaluating RFPs related to the SMART project.
- Defined and documented As-Is and To-Be business process workflows, highlighting automation and verification enhancements.
- Created workflow diagrams and contributed to the design of solution architecture.
- Reviewed technical and functional proposals submitted by vendors and supported bid evaluation and compliance verification.
- Exposed to end-to-end government procurement processes, SDLC alignment, and stakeholder coordination.

SKILLS

Technical Skills: C/C++, Java, SpringBoot, DBMS, SQL, Computer Networks, OOPS, Python, R programming language

Technologies: Java, Spring Boot, Spring MVC, MySQL, Thymeleaf, HTML/CSS, REST API, Data Analytics

PROJECTS

Major Project | Blogging Website | SpringBoot, MySQL, HTML, CSS **01/2024 - 06/2024**

- Designed and implemented a blogging website using **Spring Boot** with **Java** as the backend technology.
- Developed a fully functional blogging platform with features such as user authentication, CRUD operations for posts, and comment functionality.
- Implemented Spring Security for user login, registration, and role-based access (Admin/User).

Research Project | Holographic Image Reconstruction | Python **07/2023 – 12/2023**

- Conducted a comparative analysis of holographic image reconstruction using the Angular Spectrum Method (ASM) and Generative Adversarial Networks (GANs).
- Explored the Angular Spectrum Method for numerical holography and implemented GANs for advanced hologram reconstruction.
- Analysed reconstruction accuracy and time efficiency, contributing insights into the strengths and weaknesses of numerical and deep learning approaches.

Achievements

- UGC NET (QUALIFIED FOR ASSISTANT PROFESSOR & ADMISSION TO Ph.D.)