Rashida Kadiwala

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EDUCATION

Pandit Deendayal Energy University   Gandhinagar
Computer Engineering (GPA 9.12)   *Oct. 2021 – May 2025*

INTERNSHIPS / EXPERIENCE

Indian Meteorological Department   Gandhinagar, India
Data Analysis Intern   *June 2024 – Present*
- Analyzing meteorological data from cyclones Nisarga, Burevi, and Amphan to understand their impact and behavior.
- Assisting in meteorological report preparation and analysis, **utilizing satellite imagery and radar data for cyclone tracking**.
- Skills: Data Analysis, Machine Learning, Python.

GQPF   Gujarat, India
Frontend Developer   *Dec 2023 – Jan 2024*
- Orchestrated the entire development life-cycle of Gujarat Queer Pride Foundation's website, proficiently utilizing HTML, CSS, and JavaScript, resulting in a **visually appealing and functionally optimized platform**.
- Collaborated closely with the team, incorporating UX principles and ensuring cross-device compatibility, ultimately **enhancing user engagement and satisfaction**.
- Skills: Frontend Development, Agile Development, Client focus.

PROJECTS

KalaSangam: MERN   Frontend Engineer
*AR-based 3D product visualization for enhanced buyer engagement for local women artisans at **SSIP 2.0**   (Source code)*
- Engineered **AR-based 3D product visualization**, increasing buyer engagement, **implemented a cross-platform price tracking** system to solve the problem of price disparity.
- Developed intuitive and scalable UI components using React.js, enabling rural artisans to manage inventory and orders seamlessly, improving operational efficiency.
- **Integrated Stripe for secure payment** processing, reducing transactional errors, and **implemented multilingual support** to expand accessibility.

CodeWeave: RealTime Code Editor   Sept. 2021 – Present
Addressed the need for a collaborative and simple platform to code by enabling real-time editing   (Source code)
- Facilitated dynamic coding sessions by implementing **real-time synchronization with less than 50ms latency** to enhance collaborative efforts and improve project outcomes.
- Empowered **real-time code editing for up to 10 users** simultaneously, integrating syntax highlighting and instant updates using data structures for efficient state management and seamless teamwork.
- Optimized **server performance by 30%** through load balancing in Noje.js, ensuring scalability and reliability during peak usage.

TECHNICAL SKILLS

Languages: C, C++, Java, JavaScript, Python, R programming

Clouds & Databases: MySQL, MongoDB, AWS

Backend & APIs: Node.js, Express.js, RESTful APIs

Frontend: React.js, Next.js, HTML, TailwindCSS

Other Tools & Concepts: MS Excel, Postman, Docker, OOP, Design Patterns, Microservices, Agile Methodologies

ACHIEVEMENTS

"Leveraging Big Data Analytics for Crop diseases Prediction" Accepted for **Oral Presentation as a full paper at the 3rd International Conference** for Advancement in Technology (ICONAT 2024), Goa, India.

Reached SSIP 2.0 Grand Finale (**Top 1%**) for building KalaSangam.

Qualified and secured **18th** rank out of **750+** teams in the Quiz of Data Science Hackathon by IIT Kharagpur.