ANJALI

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Education

Indian Institute of Information Technology   **April 2020 – March 2022**
Masters of Technology in Computer Science and Engineering(CSE)   *Pune*

Rajkiya Engineering College (AKTU)   **April 2016 – March 2020**
Bachelor of Technology in Information Technology (IT)   *Ambedkar Nagar*

Experience

Cogoport (Domain : Shipment and Logistics)   **August 2022 – Sept 2023**
Associate Software Engineer | *skills: React.js, Javascript, CSS5, API, PostgreSQL*   *Gurugram, Haryana*

- Developed a user-friendly dashboard for rail service checkout, streamlining the process of adding shipment rates and customizing charges, which boosted the average purchase value by **40%** and enabled real-time calculations during checkout.
- Conceptualized, designed, and implemented a robust Purchase Consolidation System to efficiently manage multiple shipments, both partial and full, resulting in an **11%** reduction in billing errors and a **20%** improvement in charge collection efficiency.
- Successfully identified and rectified 5 critical production bugs, resulting in a **14%** reduction in delays and improved on-time performance metrics.
- Developed and implemented a customized Additional Charges Dashboard for Ocean and Rail logistics, focusing on Detention and Demurrage fees; optimized cost tracking and analysis, resulting in a **15%** reduction in detention-related expenses.
- Led the development and implementation of a series of innovative features in the fleet/trucking department, significantly enhancing operational capabilities, optimizing the fleet's efficiency, and reducing fuel consumption by **4%**. This initiative led to monthly cost savings of **55K**.
- Helped in the migration of all business processes and data to a new platform following the successful re-branding of the company within just **25 days**.
- Lead a team of **2 interns** and conducted over **40 code reviews** in the team.

Tata Consultancy Services   **June 2021 – March 2022**
Intern - FullStack Developer | *skills: ReactJs, JavaScript, AWS, Python*   *Pune, Maharashtra*

- Created a fully functional GUI, DB, and Console application, using APIs for all the communications, to build an end-to-end working of downloading, uploading, and syncing up to **300-400 GB** of daily data from cloud (AWS, Azure, etc.) to internal and local servers on the client/user's preference.
- Designed and integrated intelligent algorithms to optimize data transfer speeds, resulting in a **20%** improvement in transfer efficiency compared to traditional methods.

Indian Institute of Information Technology   **April 2020 – May 2022**
Research Intern   *Pune, Maharashtra*

- Formed a deep learning model for Handwritten pattern recognition using various convolutional layers.

PUBLICATION

Fuzzy based Technique for Nodes Coverage with Load Balancing Data collection   **Publication Link**

- Reduced energy consumption by each sensing node and applied various algorithms to find the perfect cluster head in the network for sensing and transmission of the surrounding environment in distinct areas. Hence maximizing the lifetime of the network and data transmission up to **37%** in remote areas.

Technical Skills

Languages/Frameworks: ReactJS, Javascript, ES6, HTML/HTML5, CSS/CSS3, Bootstrap, Tailwind, C++, GitHub.
Developer Tools: VS Code, JIRA.