

Manish Singh

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EXPERIENCE

AIQoD

Nov' 23 - Current

[LINK](#)

Software Developer

- **KP Project:** Accomplished a **7x acceleration** in file processing as estimated by the elimination of manual intervention, by automating direct file transfers from Google Drive to the company server. Attained a **15% reduction** in invoice processing time and a **20% boost** in team efficiency as measured by enhanced process throughput, by developing APIs to filter non-receipt documents and converting legacy JS scripts into robust GST validation services.
- **Roche Project:** Eliminated a **10% reduction** in data posting failures as measured by improved insertion success rates by debugging and refining legacy data posting scripts.
- **Fleet Project:** Reduced document compliance time by **30%** and eliminated **25%** downtime linked to manual tracking – mitigating risks of fines between Rs.5,000-Rs.25,000 per vehicle annually by implementing targeted API fixes, robust alert systems, and integrating Chalan functionality aligned with Vahan portal standards.

MICROSOFT

Oct' 21 - Jan' 22

[LINK](#)

Intern

- Developed generic pipelines to enhance data accumulation **efficiency by x times** through the utilization of parameters and variables.
- Boosted Databricks cluster performance by integrating a critical library, leading to an impressive **83.33% reduction** in data processing time, and aligned data processing with business requirements.
- Achieved a **25% reduction** in curated data latency and increased read operation by **2.3x** and write operation by **1.9x**, respectively, using ADLS Gen 2.
- **Managed services** including storage, key vault, integration runtime, data factory, and databricks for optimal performance and efficiency.

PROJECTS

Bank Software

[LINK](#)

- Designed and created CRUD operations and financial functionalities to meet customer requirements effectively.
- Integrated third-party libraries, such as JFoenix & FontAwesomeFX, to reduce development time by **up to 30%**.
- **Tech stack and tools:** JavaFX, Scene builder, CSS, MySQL, NetBeans, XAMPP.

To-Do List

[LINK](#)

- Deployed a web application that improved task management **efficiency by 30%** and task **completion by 25%**.
- Implemented custom lists functionality to increase user **satisfaction by 35%** using routes.
- **Tech stack:** HTML, CSS, JavaScript, MongoDB, ES6, Express.js, Node.js, Bootstrap.

CERTIFICATIONS & ACHIEVEMENTS

- **Earned 5 Microsoft Azure certifications**, including Azure Fundamentals (AZ-900), Azure Data Fundamentals (DP-900), Azure AI Fundamentals (AI-900), Azure Data Scientist Associate (DP-100), & Azure Cosmos DB Developer Specialty (DP-420) - demonstrating complete proficiency in cloud technologies as a full-stack MEAN developer.
- Earned the 1st-ever **Spot Award** on the KP project demonstrating a 20% acceleration in delivery timelines.
- 4 stars in MySQL at HackerRank.
- Ranked 1 out of 150 students in high school math competition 2 times.
- Ranked 1 out of 50 participants in the badminton competition.

TECHNICAL SKILLS

Java; JavaScript; Node.js; Express.js; MongoDB; MySQL; Angular.js; JavaFX; C++; C; Python; TypeScript; C#; ASP.NET; HTML; CSS; PHP; Bootstrap; AJAX; React.js; JQuery; REST APIs; Cloud Computing; Azure; AWS; GCP; Git; Visual Studio Code; Postman; SQL; NoSQL; Linux; UNIX; Data Structures; Software Development; Jenkins; CI/CD; DevOps; Backend; Frontend.

EDUCATION

Sido Kanhu Murmu University

Dumka, JH

Master of Computer Application; CGPA: 7.28/10

Completed - 2023