MAGDALIN PRINCY | MERN STACK DEVELOPER

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PROFESSIONAL SUMMARY

MERN Stack Developer with a recently completed certification in Full Stack Web Development and prior experience in data analytics. Skilled in building end-to-end web applications using **MongoDB, Express.js, React,** and **Node.js**. Developed dynamic e-commerce platforms and data-driven dashboards utilizing tools such as **SAS, SQL,** and **Power BI.** Currently interning as an **Associate Software Engineer**, actively contributing to development projects including **lead generation systems** and **API implementations**.

CORE COMPETENCIES

- SQL
- MongoDB
- PowerBI
- HTML

- CSS
- Core JAVA
- JavaScript
- Typescript

- ReactJS
- NodeJS
- ExpressJS
- OpenAI API

- Apollo API
- API Integration &Testing
- SAS
- Github, Vercel

PROFESSIONAL EXPERIENCE

BambooBox
May 25 - Present
B2B Data Enrichment

- Developed a Node.js + Express backend to integrate with **Apollo API** for contact search and enrichment.
- Designed and implemented a **job scheduler** and MongoDB job queue to process enrichment jobs asynchronously using a custom worker engine.
- Handled large-scale paginated data fetching, **OpenAI**-powered job title generation, and enriched contact persistence.
- Used **Redis** for managing job triggers and MongoDB for storing enriched contact data and job metadata.
- Collaborated with enrichment microservice (**Python+Flask**) to return raw Apollo dump and handle transformation separately.

Mu Sigma Inc.
Jul 22 - Jul 23
Compliance Monitoring System

- Assisted a US pharmaceutical company in maintaining compliance and monitoring employee training through automated processes using **SAS**, ensuring data quality to avoid regulatory penalties.

Monitoring Dashboard

- Developed a **real-time monitoring system** for tracking dispenser performance and maintenance in a paper manufacturing facility.
- Created visual displays for **refill counts** and equipment status, reducing disruptions through early issue detection.
- Improved maintenance response time by 40% through **automated alerts** and optimized inventory management.

Project Collaboration

- Contributed actively in an **Agile development** environment, participating in daily **stand-ups**, **sprint planning.**
- Attended **requirement gathering meetings** regularly, converting project needs into actionable development tasks.

CERTIFICATION

- MERN Stack Development by JSpiders: Link
- PHP for beginners by Great Learning: Link
- ReactJS Tutorial by Great Learning: Link

- Certificate of Excellence by Mu Sigma: Link
- JavaScript for Beginners by Simplilearn: Link
- Career Skills in Software Development by LinkedIN Learning: Link

EDUCATION

2018 - 2022 | Bachelor of Engineering (MECH)

Annamalai University