

MAGDALIN PRINCY | MERN STACK DEVELOPER

Bengaluru

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PROFESSIONAL SUMMARY

MERN stack developer with recently completed **MERN Stack Development certification** and one year of **data analytics** experience at Mu Sigma. Leveraged **MongoDB, Express.js, React, and Node.js** to create e-commerce solutions with 40% faster query performance. Developed client dashboards using **SAS, SQL, and Power BI** that improved customer satisfaction by 15%. Proficient in creating responsive interfaces with **HTML, CSS, and JavaScript**, while implementing optimized backend solutions that reduced API response times from 500ms to 300ms.

CORE COMPETENCIES

- SQL
- MongoDB
- PowerBI
- HTML
- CSS
- Core JAVA
- JavaScript
- ReactJS
- NodeJS
- ExpressJS
- SAS
- Github, Vercel

PROFESSIONAL EXPERIENCE

Mu Sigma Inc.

Jul 22 - Jul 23

Dashboard:

- Developed real-time dashboard for **Georgia Pacific**(Paper and pulp manufacturing) using **SAS** and **SQL**, monitoring 1000+ dispenser statuses.
- Reduced dispenser outages by implementing automated alerts for low refill counts, leading to 15% improvement in customer satisfaction.

Frontend Development:

- Built responsive user interfaces for 5+ e-commerce projects using **HTML, CSS, and JavaScript**.
- Built 20+ reusable components including product filters, shopping cart, and payment forms, reducing development time for new features.

Backend Development:

- Designed and implemented 5 **REST APIs** with **advanced search filters**, improving data accessibility.
- Optimized query performance, reducing data retrieval time by 40%.
- Implemented user feedback to add advanced search filters, resulting in 25% faster product discovery.

API Integration:

- Integrated 5+ third-party **REST APIs**, Integrated payment gateways, authentication services, and inventory management systems.
- Reduced API **response time** from 500ms to 300ms through **caching strategies** and **asynchronous processing**.

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.

NSIC Technical Services Centre

Industrial Based Application Design and Development - Intern | Jun 21 - Jul 21

- Designed and modeled 10+ industrial components using **CATIA** and **SolidWorks**, reducing design iteration time by 30%
- Created detailed **2D** technical drawings and **3D** models for manufacturing team.
- Applied basic principles of mechanical engineering to create 10+ detailed models and **technical drawings**.

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