

MADHUMITHA S

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🏠 Madhumitha Sathiyarayanan

EDUCATION

ANNA UNIVERSITY

MBA GENERAL MANAGEMENT
DISTANCE EDUCATION

📅 May 2024-Feb 2026 📍 Chennai

PANIMALAR

ENGINEERING COLLEGE

BE ELECTRONICS &
COMMUNICATION ENGINEERING
CGPA: 9.54/10

📅 Aug 2019-May 2023 📍 Chennai

ALWIN MEMORIAL PUBLIC SCHOOL (CBSE)

HSC – 2019 | 92.4%

SSLC – 2017 | CGPA: 10/10

SKILLS

PROGRAMMING

Advanced: JCL | COBOL | Python | Java
Intermediate: C | HTML | CSS | SQL

UTILITIES

ISPF | SDSF | Endeavor | VSAM | DB2 |
SPUFI | CICS | TSO | JES | JCL1TIME

DEVELOPER TOOLS

VS Code | Github

PROFILE LINKS

LinkedIn: //madhumitha-sathiyarayanan🔗

Portfolio: //its-madhumitha/Portfolio🔗

AWARDS & RECOGNITION

- Recognized and rewarded as **Multi-Skilled Champion** at Accenture.
- Awarded as **TechExpressway Merit Holder** at Accenture.
- Received Academic Excellence award for securing **3rd rank in Bachelor's degree** by Panimalar college.
- Received Academic Excellence award for securing **10/10 CGPA** by Alwin school.

PROFESSIONAL SUMMARY

Mainframe Developer with 2+ years of experience in COBOL, JCL, VSAM, DB2, and CICS, primarily in the healthcare domain. IBM Certified z/OS Mainframe Practitioner with a proven ability to streamline workflows and enhance operational efficiency through abend analysis, batch optimization, and system stability enhancements.

EXPERIENCE

ACCENTURE | ASSOCIATE SOFTWARE ENGINEER

📅 Jun 2023-Present 📍 Bellandur, Bangalore / Perungalathur, Chennai

- Resolved 1800+ critical **batch job abends** caused by storage issues, bad records, file contention, connectivity errors, slowness, bind error, release related errors, reservation issues and missing/empty input files, ensuring minimal downtime.
- Recognized for identifying & implementing **Continuous improvements** every month that saved 800+ failures and 2000+ manual effort hours, achieving 16% time savings of overall team productivity and 10% reduction in failure volume.
- Designed and maintained custom **JCL utilities** such as JCL1TIME and JCLOVER to automate job recovery and improve job stability.
- Involved in **mainframe modernization and integration projects**, bridging legacy systems with modern technologies.
- Proficient in **incident management** using Service Now and AYS (At Your Service); managed tickets across P1–P5 priority levels.
- Developed **Excel-based automation tools and dashboards** for tracking SLA breaches, open incidents, and performance trends.
- Collaborated effectively across teams, consistently delivering **solution-oriented support** in fast-paced environments.

LTI MINDTREE | GRADUATE ENGINEER TRAINEE

📅 Feb 2023- Apr 2023 📍 Remote, Chennai

- Successfully completed a **3-month intensive training** in the **Java full-stack domain**, with daily live sessions, mentor-led sessions, hands-on labs, and practical exercises.
- Completed **three levels** of technical assessments, demonstrating proficiency in Java development and web technologies with an overall score of 85%.
- Gained hands-on experience in Java, JavaScript, MongoDB, OOPs, and SQL through structured assignments and live coding sessions.

CERTIFICATIONS

- IBM Certified z/OS Mainframe Practitioner**
- Scrum Fundamentals Certified**
- AWS partner: Generative AI Essentials**
- Cisco Verified Data Analytics Essentials**

PROJECT

RECURRENT NEURAL NETWORK BASED VIDEO COMPRESSION

📅 Jan 2023-Apr 2023

The recurrent framework approach is used to maintain the video quality of the compressed video by improving PSNR.

LI-FI DATA TRANSMISSION

📅 Feb 2020- Mar 2020

Developed Light based communication system that is capable of transmitting data (like audio & video) at high speed over visible light, UV & IR spectrum.