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Abu Dhabi, UAE

# Hismath Begum

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<https://hismath.github.io/hismath-portfolio/>

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## PROFESSIONAL SUMMARY

- **Java Full Stack Developer** with 9+ years of experience in **Requirement Analysis, Design, Development, and Execution** of web applications using **Java**, **J2EE** and **Angular**.
- Strong ability to quickly explore, learn, and adapt to new business domains and technologies.
- Dedicated to continuous learning and improving skill sets to stay relevant and contribute meaningfully to career growth.
- Led efforts to maintain **software development best practices**, ensuring adherence to company standards for **coding** and **unit/functional test coverage**.
- Hands-on experience in **DevOps** processes, including **Jenkins CI/CD pipelines**, **GitHub** integration, and **Docker** image management for seamless web application deployment.
- Expertise in **Angular**, **Java 8 & 11**, **SSO**, **OAuth 2.0 (Encryption/Decryption)**, **Lambda**, **Microservices Architecture**, and **Spring Integration**, **Spring Cloud**, and **Swagger** for building scalable, secure, and efficient systems.
- Proven experience working in **Agile** environments, actively participating in **sprints**, and collaborating with cross-functional teams to ensure timely and high-quality delivery of projects.

## PROFESSIONAL EXPERIENCE

### Tata Consultancy Services

#### Senior Full Stack Developer-COE Team | UPS Inc.-US | Till August 2024:

- Engineered scalable backend systems using **Java**, **Spring Boot**, and **MySQL**, improving database efficiency by 30% and reducing API response times by 25%.
- Architected and deployed microservices with **Spring Cloud (Eureka, API Gateway, Config Server)**, cutting deployment time by 40% and improving scalability and maintainability.
- Developed and secured RESTful APIs with **Spring Security and JWT**, boosting performance and enhancing data protection, increasing user satisfaction by 20%.
- Led migration and logistics automation projects, achieving zero downtime migration, reducing asset relocation time by 25%, and lowering operational costs by 15%.
- Automated **CI/CD pipelines with Jenkins** and enforced code quality with SonarQube, reducing build efforts by 50% and improving maintainability by 40%.
- Built responsive Angular interfaces and optimized MySQL queries, driving higher engagement by 15% and streamlining query processing to cut execution time by 20%.

### Full Stack Developer

#### Centre of Excellence -ILP-TD Team | June 2018 – January 2023:

- **Conducted requirements-gathering sessions** with stakeholders, clarifying project needs and reducing requirement gaps by 20%, improving delivery accuracy and client satisfaction.
- Ensured alignment between business requirements and technical solutions, improving project completion times by 15% and boosting team productivity through clearer development goals.
- Designed an **UI Code Evaluator Tool (J2EE)** to upload and analyze bulk HTML, CSS, and JavaScript files. Automated performance scoring using YAML test cases and HTML parsing, improving code review efficiency by 40% and enabling actionable quality insights.
- Built and deployed a **Rescheduling Tool (Angular, Spring Boot, Oracle)**, automating associate joining date reschedules and email notifications, reducing manual HR tasks by 30% and improving communication accuracy.
- Delivered a **Hybrid App Development course (Angular & Ionic)** that increased student engagement by 25%. Organized a hackathon event boosting collaboration and practical skill application among participants.
- Spearheaded a **web-based attendance tracking tool (.NET)** reducing faculty workload by 20% and improving attendance accuracy by 95%.
- Implemented Git version control, decreasing code conflicts by 35% and improving development team collaboration efficiency.
- Diagnosed, debugged, and remediated critical production issues, driving a 20% reduction in downtime and significantly enhancing system stability and reliability.
- Trained and mentored over 100+ recruits and professionals across multiple regions, reducing onboarding time by 30% and improving team proficiency.
- Delivered comprehensive training programs covering **.NET, Agile, Core/Advanced Java, SQL, JDBC, UI technologies, Unix commands, and Python**, boosting participants' technical skillsets and job-readiness.

## Service Now-Developer

### Delta Airlines ,Target and Home Depot | February 2014 - May 2018:

- Supervised a team of 6+ developers in the **ServiceNow ITSM SDLC**, improving delivery efficiency by 20% and fostering stronger collaboration.
- Developed and refined ServiceNow modules, workflows, and scripts, improving efficiency and achieving a 25% boost in platform usability and user engagement.
- Analyzed and streamlined business requirements and QA processes, reducing defects by 15% and ensuring alignment with client needs.
- Optimized SQL/MySQL queries and authored 50+ custom reports, reducing report generation time by 30% and enabling faster data-driven decisions.
- Managed multiple **ITSM facility and asset management projects**, achieving a 95% on-time completion rate and enhancing operational performance for 3+ enterprise clients.

## KEY PROJECTS

### Java Backend Engineer - MomCare (Personal/Portfolio Project) | 2025:

GitHub Link: <https://github.com/Hismath/momcare-microservices-backend.git>

- Architected a microservices-based backend platform using Spring Boot, improving modularity and maintainability across services for expense tracking, diet planning, task management, and PDF report generation.
- Orchestrated **Eureka service discovery and API Gateway**, reducing manual configuration efforts by 30% and ensuring secure API routing with Spring Security and JWT.
- Authored RESTful APIs with Spring Data JPA, optimizing database operations and reducing query execution time by 25%, while documenting endpoints using Swagger/OpenAPI.
- Integrated **Feign Clients and Resilience4j Circuit Breaker**, improving inter-service reliability by 20%, and **streamlined PDF report generation** via WebClient and OpenPDF for faster consolidated reporting.

## TECHNICAL SKILLS

**Core Skills:** Java 11, Java 8, Java 7, Java 6 and Java 5, C#

**Web server technologies:** Spring Core, Spring REST API's, Spring Data JPA (with Hibernate), Spring Integration, Spring Security (JWT), Spring Cloud Microservices.

**RDBMS:** Oracle (11g, 12c), MySQL, MSSQL, SQLite3 (SQL), PL/SQL functions & Procedures.

**Frontend skills:** Angular, Typescript , HTML, CSS, JavaScript, JQueryEasyUI Framework.

**Source Control :** SVN, GitHub using DevOps

**Web Server:** JBoss AS 7.1, Apache Tomcat 7v, 8v and 9v

**Reporting Tools:** Microsoft power BI

**Tools:** Eclipse- Spring Source Tool Suite (STS), SQL Developer, SOAP UI, Swagger UI, Postman for restful webservices,Service-now

## CERTIFICATES AND ACHIEVEMENT

- ITIL 2011 foundation certifications in ITSM
- Cleared Wings2 Digital Test

## EDUCATION

**Sri Manakula Vinayagar Engineering College, Pondicherry | Bachelor of Information Technology**

Major: Information Technology

2009-2013

## PERSONAL DETAILS

- Visa Status : Family Visa
- Valid Till: 07-02-2026