

Rutuja Sawant

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 Sambhajinagar, Kolhapur

CAREER OBJECTIVE

I am an M.Sc. Mathematics graduate with a PG-DAC certification, combining strong mathematical knowledge with programming expertise. My background in mathematics has enhanced my analytical, logical reasoning, and problem-solving abilities, which I effectively apply in software development. I have gained practical experience in programming concepts, software development lifecycle, and database management. With mathematical precision, I aim to design and optimize efficient software solutions. My experience as a Mathematics Lecturer has also strengthened my communication and teamwork skills. I aspire to integrate my knowledge of mathematics and programming to contribute to innovative and scalable technology solutions.

Experience:

- **Lecturer of Mathematics | Deccan Education Society's Willingdon College, Sangli.(Aug,2020 –Feb 2021)**
- **Lecturer of Mathematics |PDVP College ,Tasgaon.
(Aug 2021-April 2022)**

PROFESSIONAL SUMMARY

- M.Sc. Mathematics postgraduate with PG-DAC certification, combining strong mathematical foundation with programming expertise.
- Proficient in Core Java, Object-Oriented Programming (OOP), Spring Boot, RESTful APIs, and MySQL for backend development.
- Solid understanding of analytical reasoning, problem-solving, and mathematical precision, applied to design efficient software solution.
- Familiar with Software Development Lifecycle (SDLC) and Agile (Scrum) methodology for collaborative and iterative development.
- Former Mathematics Lecturer with excellent communication and teamwork skills, aspiring to build innovative, scalable, and high-quality applications.

TECHNICALSKILLS

- Mathematics Expertise: Strong foundation in Analytical Thinking, Logical Reasoning, Problem Solving, and Statistical Methods through M.Sc. Mathematics.
- Programming Languages: Java, C, C++
- Frameworks & Technologies: Spring Boot, Hibernate
- Web Services & APIs: RESTful Web Services, JSON, JWT, Postman
- Databases: MySQL, SQL Server
- Tools & Platforms: Maven, Apache Tomcat
- IDEs: IntelliJ IDEA, VS Code
- Operating Systems: Windows
- Version Control: Git

EDUCATION

PG-DAC| CDAC Hyderabad -2023

M.Sc(Maths) | Shivaji University ,Kolhapur - 2019

B.Sc(Maths) | Shivaji University ,Kolhapur – 2017

PROJECTDETAILS

Project: Jago Grahak Application – Consumer Complaint Management System

Tech Stack: Spring MVC, Spring Boot, MySQL, Spring Data JPA, Spring Test, Junit, JWT

Description:

A consumer complaint management platform that allows users to file, track, and retrieve complaints about products or services within a defined date range. The application emphasizes modular development, security, and performance for effective grievance redressal.

Responsibilities:

- Developed scalable backend modules using Spring Boot for modular and efficient complaint management.
 - Designed and implemented REST APIs to handle complaint submission, retrieval, and filtering.
 - Created and maintained MySQL database schemas for users and complaint data.
 - Applied Spring Data JPA for database interactions and ORM mapping.
 - Implemented security enhancements and optimized performance for smooth user experience.
 - Conducted thorough unit and integration testing using JUnit and Spring Test frameworks to ensure application reliability.
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PERSONALDETAILS

- ✓ **Date of Birth** : 7th April 1997
- ✓ **Gender** : FeMale
- ✓ **MaritalStatus** : Married
- ✓ **Nationality** : Indian
- ✓ **Languages Known** : English, Marathi, Hindi

DECLARATION

I here by declare that the above furnished information is true to the best of my knowledge.

Rutuja Sawant