

UMA SWAMINATHAN

Software Developer | Full Stack Developer

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🌐 <https://github.com/umaswaminathan15>

PROFILE SUMMARY

Motivated **B.Sc. Computer Science graduate** with training in **Full Stack Development using Java and Python**. Skilled in developing responsive web applications using modern technologies. Strong problem-solving ability, communication skills, and eagerness to learn new technologies. Seeking an **entry-level Software Developer / Full Stack Developer role**.

EDUCATION:

B.Sc. Computer Science (2021–2024)

Bishop Heber College, Trichy – 65%

HSC (2020–2021)

Montfort Matric. Hr. Sec school, Ariyalur – 80%

SSLC (2018–2019)

Montfort Matric. Hr. Sec school, Ariyalur – 70%

TECHNICAL SKILLS:

- **Frontend:** HTML, CSS, Bootstrap, JavaScript, jQuery
- **Backend:** Python (Flask, Django), Java (Spring Boot)
- **Database:** MySQL, MongoDB, SQLite
- **Tools & Libraries:** NumPy, Pandas, Matplotlib, PyMongo, REST APIs
- **Java Technologies:** Core Java, Servlet, JSP, JDBC, JPA, Spring (CRUD, MVC)
- **Other:** OpenCV, Pillow, GitHub, PythonAnywhere

PROJECTS

Vehicle Rental Management System

- Developed a full-stack web application for booking rental vehicles.
- Implemented user authentication, vehicle search, and booking management.
- Integrated dynamic pricing and availability tracking system.
Technologies: HTML, CSS, Bootstrap, JavaScript, MySQL, Spring Boot

Employee Salary Management System

- Built Full-stack Web application using Flask and SQLite
- To manage employee salary details with automated allowance and deduction calculation
- Implemented CURD operations, dynamic templates, and database integration using SQLite
Technologies: HTML, CSS, Bootstrap, JavaScript, SQLite, Flask

SOFT SKILLS

- Teamwork
- Problem Solving
- Time Management
- Adaptability
- Quick Learner

Certifications

- Certificate of TESBO course of Java Full Stack Developer and Python Full Stack Developer
- Certificate of Tally Seminar, E-Commerce, Flutter Fundamentals: Create your Cross platform app, Getting started with AWS and IAM, The AI Evolution: Navigating, How Website Works,

LANGUAGES

- Tamil
- English