SATYAM JAYSAWAL

Email: sjrecm9258@gmail.com

Mobile No: +91 9258505088

Current Location: Mumbai

LinkedIn: satyam-jaysawal-9b58b7238

GitHub: https://github.com/satyamjaysawal

Portfolio: https://satyam-portfolio-website.vercel.app

SUMMARY

I am a Full Stack Java Developer with 2 years of experience in web development, specializing in front-end and back-end technologies. I excel in building robust, scalable applications using React.js, AngularJS, JSP, Servlets, and Spring Boot. My expertise includes developing RESTful APIs and implementing secure authentication mechanisms within microservices architectures. I demonstrate strong attention to detail, ensuring adherence to best coding practices for high-quality software delivery. Skilled in project management, I ensure timely deployment while providing constructive feedback throughout the development process. With strong collaboration abilities, I work effectively within cross-functional teams to drive product development and enhance web architecture. I stay current with industry trends and solve complex problems efficiently, backed by excellent organizational and communication skills.

EDUCATION

- Rajkiya Engineering College Mainpuri — CGPA (7.57)
  Bachelor of Technology , AKTU UP — August 2018-July 2022
- S J G S S I C Sahunagar Gaderiha, Jaunpur Uttar Pradesh — Percentage (79.8)
  Class 12th (Intermediate) UP Board — July 2017-April 2018
- S M P Y U M V M K B Shankar Ganj, Jaunpur Uttar Pradesh — Percentage (83.5)
  Class 10th (High School) UP Board — May 2015-April 2016

SKILLS

- **Languages:** Python, Java, JavaScript
- **Frameworks & Libraries:** Advance Java, Spring Boot, Hibernate, JSP, Servlets, Angular, TypeScript
- **Web Technologies:** Flask, React.js, Node.js, HTML5, CSS3, Bootstrap, Material Design, SCSS
- **API Development:** REST APIs, Microservices, API Integration, FastAPI
- **Database Technologies:** MySQL, MongoDB, PostgreSQL, Firebase
- **Security:** JWT (JSON Web Token), OAuth, Spring Security
- **Version Control & Methodology:** Git, GitHub, GitLab, JIRA, Agile Methodologies (Scrum)
- **Cloud & DevOps:** AWS (EC2, S3, Lambda), Azure (Azure DevOps, App Services), Terraform, Docker, Kubernetes, Jenkins, CI/CD pipelines
- **Testing:** Unit Testing, Integration Testing, Test-Driven Development (TDD), Postman, RxJS
- **Additional Skills:** Design Patterns, DSA (Data Structures and Algorithms), Streamlit, Spring Batch, Server-side Rendering
- **GitHub:** https://github.com/satyamjaysawal

CERTIFICATION

- AWS Cloud Practitioner
- Azure Administration Associate(AZ 104)
- Agile Software Development
- JSP Servlet JDBC Udemy Certificate
- Spring-Batch Processing with Spring-Boot
- Python PCEP Certificate
- Python, Flask, andSQLAlchemy
- Google's Gemini AI with Streamlit
- Certificate course on Enhancing Soft Skills And Personality from NPTEL.

WORK EXPERIENCE   Capgemini-India (Dec 2022-Present)

Skoda Project - AI-Powered Document Processing Suite

Role: User Support & Developer

- Contributed to the development and optimization of Skoda's AI-powered document processing suite. The suite aimed to enhance communication between customers and the service team by automating document handling tasks such as document analysis, query handling, and data extraction. It streamlined internal workflows and improved decision-making by leveraging AI-driven technologies.
- *Ask to Files:* Empowered users to query uploaded documents to extract insights such as summaries, key data, or specific clauses, simplifying document review.

- *Ask to URL:* Allowed users to extract summaries, answers, or insights from web content by entering a URL, enabling quick retrieval of relevant information from online sources.
- *Document Comparison:* Facilitated side-by-side comparison of documents, highlighting similarities and discrepancies, crucial for content review, legal document analysis, and verifying updates or modifications.
- *Tech Stack:* Python (Flask), Streamlit, Azure, OpenAI API, BeautifulSoup, Langchain, Fine-tunning, NLP models, Pandas, SQL.

Project: Amplifier Knowledge Mining & GenAIHUB
Role: Python Developer & AI Engineer
- Developed a data-driven application using *Python* and *Flask* for the Amplifier Knowledge Mining & GenAIHUB project.
- Diagnosed and resolved data-related issues to ensure consistent application reliability.
- Applied data-driven improvements to enhance usability and meet evolving business needs.
- Developed new features using *GenAI* and *OpenAI*, improving the application's analytical capabilities and user experience.
- Managed database operations in *MongoDB* and *MySQL*, optimizing queries for enhanced data integrity and performance with *SQLAlchemy*.
- Implemented strong data security measures to minimize vulnerabilities and ensure secure data access.

Project: Liberty Mutual Account
Role: Java Web Application Support and Maintenance
- Provided comprehensive support for a web-based application using *Java*, *Servlets*, *JSP*, *Spring MVC*, *Spring Boot*, and *Oracle SQL*.
- Collaborated with the development team to diagnose and resolve issues raised by end-users.
- Implemented bug fixes and enhancements to improve application usability and align with changing business requirements.
- Ensured timely resolution of support tickets, adhering to service-level agreements (*SLAs*).
- Developed custom *Servlets* and *JSP* pages to introduce new features and functionalities.
- Implemented *Spring Core* concepts such as *dependency injection* to improve code modularity and maintainability.

PERSONAL PROJECTS

- Developed and maintained web applications using technologies like *Java*, *Servlets*, *JSP*, *Spring MVC*, and *Spring Boot*.
- Built dynamic user interfaces with *React.js*, *HTML5*, *CSS3*, and *JavaScript* to enhance user experience.
- Designed, optimized, and managed databases using *MongoDB* and *Oracle SQL* for effective data storage and retrieval.
- Created *RESTful APIs* for seamless data exchange between front-end and back-end systems.
- Integrated *JWT* for secure user authentication, session management, and overall security.
- Deployed applications on *AWS* and *Azure* cloud platforms using services like *EC2*, *RDS*, and *Lambda*.
- Implemented back-end logic using *JavaScript*, *Node.js*, and *Java* within the *Spring* framework.
- Deployed server applications using *Docker* and *Apache Tomcat* for efficient scaling and deployment.

- **Multimodel Gemini AI App-**
  Built a Python and Streamlit app with AI features: chatbot, image captioning, text embedding, PDF chat, and voice assistant. Added audio and video transcription using Google Generative AI and FAISS. GitHub: *Multimodel Gemini AI App* : https://gemini-multimodel-app.onrender.com
- **MakeMyTrip App-**
  Developed a full-stack travel booking app using React.JS, Node.JS, Express.JS, MongoDB, and Tailwind CSS. Integrated Nodemailer for email notifications and Razorpay for payment processing. Designed APIs for seamless data interaction and used Tailwind CSS for styling. Deployed the application on Vercel for real-time flight and hotel booking. The app includes features like Login, Register, authentication using JSON Web Tokens (JWT), token management, session handling, and cookies. *https://make-my-trip-frontend-shi.vercel.app*
- **CRUD Operation with multiple technologies-**
  Developed multipe CRUD system using Angular JS, Servlet, JSP, Struts, Spring-Boot, Spring-Security, Spring-Batch, Hibernate, JDBC and MySQL. Integrated Bootstrap for a user-friendly UI. GitHub
- **MovieFlix - Movie Review & Discovery Platform -**
  Developed MovieFlix, a movie discovery platform using Flask, MongoDB, and Pandas for data analysis. Implemented a personalized movie recommendation system based on user preferences and movie genres. Integrated secure user authentication, dynamic search, and review functionalities. Deployed the application on Vercel for seamless scalability. *https://movie-flix-app-dataset.vercel.app/*
- **Personal Portfolio-**
  Created a responsive personal portfolio website using HTML, CSS, and JavaScript DOM manipulation. Implemented day and night mode with multiple color templates for the navbar and footer. Incorporated dynamic buttons for enhanced user interaction. Utilized media queries for optimal viewing on different devices. GitHub : Portfolio