SATYAM JAYSAWAL

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GitHub: https://github.com/satyamjaysawal

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

SUMMARY

I am a Full Stack MERN Developer with 2 years of experience in web development, specializing in both front-end and back-end technologies. Proficient in computer science principles, developing RESTful APIs, and implementing scalable solutions. I demonstrate attention to detail and adhere to best coding practices. I excel in communication and collaboration with cross-functional teams to deliver high-quality products. Skilled in project management, I ensure timely deployment and provide constructive feedback. I am adept at problem-solving, staying updated with industry trends, and collaborating effectively on product development, AI solutions, and web architecture. I possess strong organizational and verbal communication skills and excel in both problem-solving and interpersonal 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:** Flask, React.js, Node.js, Express.js, TypeScript
- **Web Technologies:** 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, Advance Java, Spring Boot, Hibernate, JSP, Servlets,
- **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: MERN Stack Developer
- Developed a web-based application using the *MERN Stack* to support Liberty Mutual's account management processes.
- Diagnosed and resolved user-reported issues, ensuring the application's high availability and reliability.
- Implemented bug fixes and enhancements, improving application usability while adapting to evolving business requirements.
- Developed new features using *React.js, Redux* and *Node.js*, enhancing the application's functionality and user experience.
- Managed database operations in *MongoDB*, optimizing queries to maintain data integrity and improve performance.
- Implemented *JWT* authentication, enhancing security by reducing vulnerabilities and ensuring secure user access.

PERSONAL PROJECTS

- Developed and maintained full-stack applications using the *MERN Stack* (*MongoDB*, *Express.js*, *React.js*, *Node.js*), delivering scalable and efficient web solutions.
- Built responsive and dynamic user interfaces with *React.js*, ensuring cross-browser compatibility and mobile responsiveness.
- Designed and implemented *RESTful APIs* using *Node.js* and *Express.js* for seamless data communication between the front-end and back-end systems.
- Utilized *MongoDB* for efficient data storage, retrieval, and management, optimizing performance and ensuring application scalability.
- Implemented user authentication and authorization using *JSON Web Tokens (JWT)* to enhance security across the applications.
- Deployed applications on cloud platforms such as *AWS* and *Azure*, utilizing services like *EC2* and *S3* for hosting and scalable storage.
- Employed *Docker* for containerization and *Kubernetes* for orchestrating application deployment, scaling, and management.

- **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