

KOYYANA VENKATA SATYA SAI VARUN

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Summary

Enthusiastic and adaptable Computer Science graduate with 3 years of hands-on experience in SAP development, including Fiori, SAC, ABAP, and cloud-native applications on SAP Business Technology Platform. Skilled in designing, coding, and testing software solutions, with a strong foundation in JavaScript, Python, REST APIs, and cloud technologies. Experienced in integrating Artificial Intelligence and Large Language Models into enterprise projects. Recognized for a collaborative spirit, eagerness to learn, and commitment to delivering high-quality results in agile, cross-functional teams.

Education

Rowan University

May 2025

Master of Science, Computer Science GPA: 3.7

- **Coursework:** Advanced Database Design, Advanced Data structures and Algorithms, Machine Learning, Cloud Computing, Cyber Security

Work Experience

Infosys Limited | SAP Consultant

Jan 2021 - Sep 2023

Client: Siemens AG, Germany

- **SAP Analytics Cloud Reporting:** Managed monthly period-closing data uploads and ensured business users accessed accurate, structured reports via SAC Stories, demonstrating proficiency in data analysis and reporting.
- **Onshore-Offshore Collaboration:** Coordinated with onshore teams and business users, effectively bridging technical and functional perspectives to facilitate smooth operations and prompt issue resolution.
- **Operations Dashboard Management:** Developed a real-time operations dashboard in SAP Analytics Cloud (SAC) to monitor and track issue status across multiple teams (UI, SD, MM, FI, MDG, SLM), enhancing ticket resolution efficiency by 30% and showcasing strong analytical and technical skills.
- **Fiori Application Support:** Reviewed and troubleshooted SAP Fiori applications, OData services, and UI5 enhancements, while conducting user training sessions that communicated technical insights clearly to non-technical stakeholders.

Projects

SkillSwap | ML-Driven Skill Matching & Recommendation Platform

Nov 2024 - Dec 2024

- Designed and built an ML-powered web platform that connects users seeking to exchange skills, using Neo4j for mapping relationships and MongoDB for secure authentication.
- Developed a ML recommendation engine (Python, Scikit-learn) for personalized skill suggestions.
- Developed RESTful APIs with Node.js & Express.js for skill management, matchmaking, and real-time notifications.
- Developed an interactive frontend with React.js, enabling users to manage skills, connect with matches, and engage in real-time chats.
- Optimized graph traversal queries in Neo4j to improve skill-matching efficiency and reduce query execution time.

Gemini AI Integration | SAP Build Application

Feb 2025

- Successfully integrated Gemini AI into SAP Build Apps, following a Devtoberfest tutorial, and effectively troubleshooting API connectivity and data flow issues.
- Proactively pivoted to integrate Google Gemini AI into SAP Build Apps instead of OpenAI, independently adapting the integration process without explicit tutorial guidance and built personal fitness assistant.
- Successfully configured Gemini AI integration by independently writing the API schema and data structure.

Bag of Words Meets Bags of Popcorn | Kaggle Competition

Spring 2023

- Developed a sentiment analysis model using PyTorch to classify movie reviews as positive or negative.
- Individually achieved 94.83% accuracy in sentiment prediction on the Kaggle leaderboard.

Social Media Usage | Tableau

Spring 2024

- Analyzed a Kaggle dataset and created an interactive Tableau dashboard to visualize social media usage trends, including top platforms and demographic patterns.
- Highlighted Australia's highest usage and Instagram's popularity, and performed gender & interest-based analysis of engagement.

Skills

- **Machine Learning & AI:** Machine Learning, Neural Networks, Large Language Models, Generative AI, Prompt Engineering
- **Analytics & Statistical Analysis:** Statistical Analysis, SAP Analytics Cloud, Data Visualization
- **Programming & Frameworks:** Python, JavaScript, ABAP, Java, HTML5, Scikit-learn, TensorFlow, PyTorch, React.js, Node.js, SAP UI5/Fiori
- **Cloud & Database Management:** AWS (currently learning), HANA Cloud, Firebase, NoSQL (MongoDB, Neo4j), SAP BTP & Cloud
- **Workflow & Development Tools:** Git, Visual Studio, Jenkins, SAP Fiori Launchpad, SAP Build, Eclipse, Android Studio, Jira
- **Methodologies & Soft Skills:** SCRUM, Agile, Problem Solving, Detailed-Oriented, Analytical Thinking, Team Collaboration, Project Management, Microsoft Office (Excel, Word, PowerPoint)
- **APIs:** RESTful API design & integration

Certifications

- **SAP Certified Associate - Back-End Developer - ABAP Cloud**
- **Developing AI models with the Machine Learning clients for SAP HANA:** Record of Achievement
- **Exploring SAP Datasphere:** Record of Achievement
- **Exploring SAP Analytics Cloud:** Record of Achievement
- **Prompt Engineering with Llama 2&3**
- **Learning the Basics of ABAP Programming on SAP BTP:** Record of Achievement
- **Udacity Android Developer Nanodegree**