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Aditya Kumar Singh

EXPERIENCE

Viscap CS, Ahmedabad — *Applications Developer SAP ABAP, February 2023 - PRESENT*

- Designed, implemented, and maintained robust information systems in alignment with organizational objectives, adhering to coding standards. This ensured optimal functionality and security while delivering the best SAP solutions.
- Extensive knowledge in ABAP programming and strong functional understanding – ABAP Object Oriented Programming, RICEF.
- Performed standard debugging on SAP code to extract system design, logic and facilitated the implementation into the ViewBox system – SQL Query, Embedded Software Validations, Development Support.
- Created QR code functionality where scanning the QR code redirects users to the iOS and Android applications.
- Integrated SAP with WhatsApp to send monthly payslips to employees' WhatsApp numbers, facilitating a smoother payroll process.
- Implemented multiple projects, participated in end-user training, providing technical support afterward ensuring customer satisfaction.
- Integrated OData services seamlessly into Fiori apps, enabling efficient data retrieval and manipulation.
- Conducting training sessions on new dimensions within the organization – Mentoring, Leadership, Teamwork, Team Collaboration.

FacileWizards, Self-Owned — *Software Engineer, December 2022 - PRESENT*

- Identified areas for improvement and implemented streamlined solutions on various programming languages.
- Adhering to standard software engineering practices to ensure the optimal generation of software quality and products.
- Foundational Knowledge in Creating RESTful APIs for Third-Party Data Transfers – Java, Spring Boot, JPA, JDBC, Maven, Docker.
- Demonstrated proficiency in Data Structures and Algorithms by implementing solutions in Java, including Array Lists, Linked Lists, HashMaps, Sorting Algorithms, and Trees - Algorithm design.
- Employ GitHub Pages to deploy the website, ensuring it is publicly accessible – Git, GitHub, Continuous Integration Tool.
- Created KMeans clustering model predicting business success in a selected area and visualized results on a map using longitude and latitude data - Python 3, Numpy, Pandas, Geopy, and Matplotlib.

TCS, Gandhinagar — *Systems Engineer, August 2021 – February 2023*

- Proficient in DDIC objects, including domains, database elements, tables, search helps, views, structures, TMGs, and lock objects.
- Optimized and analysed existing ABAP programs for enhanced performance by 80% – SAT, ST05, Performance Tuning, Code Review.
- Implemented modularization techniques such as Subroutines, Function Modules, and Includes.
- Expertise in advanced ABAP, including BADIs, BDCs, BAPIs, enhancements, user exits, and Module Pools with a focus on time and space complexities – Process Automation
- Developed and modified forms according to client demands – Smartforms, Scripts.
- Proficient in analyzing runtime errors and debugging ABAP programs for the continuous improvement of the system – Bug Tracking.
- Participated in daily standup calls for regular updates on ongoing developments following the Scrum and Agile project management framework.
- Familiar with concepts of Package, Transport Requests, Function Groups, and Function Modules.

PROJECTS

Beam Consolidated — *ECP and ABAP implementation, Middle Eastern Payroll, September 2023 - Present*

- Developed Web Services using GET and POST methods for third-party system integration, encompassing SOAP and RESTful API.
- Created efficient S/4 HANA objects using developer tools (ADT) in Eclipse IDE, such as CDS Views and Adobe Forms.

Ecommerce Website — *Front End Development, March 2023 – Oct 2023*

- Implemented web technologies to enhance website (E-commerce) interactivity and user interface, incorporating custom functionalities to meet client requirements using HTML, CSS, JavaScript and React.js.
- Developed and executed comprehensive test cases for quality assurance using the Jasmine Testing Framework - Manual Testing.
- Established a DNS A Record to associate the domain with an IP address, and configured a CNAME Record to connect the domain to another domain. Implemented HTTP Secure (HTTPS) to enhance website security and ensure a secure browsing experience for users.

World Time Converter — *Application Development, October 2023 – December 2023*

- Developed a world time converter for converting time from one zone to another – Java, Spring, Spring Boot, Application Deployment.
- Conducted test planning for Java applications, ensuring robust and reliable performance – JUnit, Maven.

Voltas – *ECC to S/4 Implementation, September 2022 - February 2023*

- Developed, tested, and documented Core ABAP Objects - SAP Reports, Interfaces, Conversions, Enhancements, and Forms.
- Worked on ABAP classical ALV, interactive ALV, and module pool development.
- Developed and modified layouts in forms for invoices and purchase orders (POs), utilizing Adobe Forms.

SKILLS

Technical Skills: ABAP, ABAP OOPS, SAP HANA, DSA, Java, JUnit, Spring Boot, Docker, Maven, API, JavaScript, React.js, Jasmine Framework, HTML, CSS, SQL, DNS registration, Python 3, Data Science and Machine Learning, Data Extraction, Git, GitHub.

Management and Business Skills: Process Design, Solutions Design, Solutions Marketing.

EDUCATION

Lovely Professional University, Phagwara – *Bachelor's in Technology (Computer Science and Engineering), Aug 2017 - July 2021*