

# Aditya Kumar Singh

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## SKILLS

**Technical Skills:** Java 8, JUnit, Spring Boot, Spring MVC, Hibernate, Kubernetes, Docker, AWS, Maven, JavaScript, React.js, Node.js, MongoDB, Selenium, HTML, CSS, PostgreSQL, Python 3, Data Science and Machine Learning, ABAP, SAP HANA, GitLab, GitHub.

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

## EXPERIENCE

**Viscap CS, Ahmedabad** — *Application Developer, February 2023 – PRESENT*

- Adhering to standard software development practices to ensure the optimal generation of software quality and products.
- 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, Embedded Software Validations, Development Support.
- Fluency in NoSQL data stores, with a deep understanding of data access patterns and strategies for effective data management.
- Demonstrated proficiency in Data Structures and Algorithms by implementing solutions in Java, including Array Lists, Linked Lists, HashMaps, Sorting Algorithms, and Trees.
- Employ GitHub Pages to deploy the website, ensuring it is publicly accessible – GitHub, GitLab, 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.
- Created comprehensive technical specifications (HLD, DLD, test plans, implementation strategies) for software projects.
- Conducting training sessions on new dimensions within the organization – Mentoring, Leadership, Teamwork, Team Collaboration.

**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% – 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.
- Proven track record of working within Agile methodology, collaborating with developers on test strategy definition and automation for user stories.

## PROJECTS

**3M** — *Microservices-based RESTful API, December 2023 – Present*

**Tech Stack:** Java 8, JUnit, Spring Boot, Spring MVC, Hibernate, PostgreSQL, Maven, Kubernetes, Docker and AWS.

- Architected and implemented a secure and scalable RESTful API for an e-commerce platform, enabling seamless data exchange with third-party systems.
- The API resulted in a 20% increase in application integration efficiency and a 15% reduction in development time for new features.

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

**Tech Stack:** S/4 HANA ABAP, SOA Manager, OData and UI5 Fiori.

- Developed Web Services using GET and POST methods for third-party system integration, encompassing SOAP and RESTful API.
- Integrated SAP with WhatsApp to send monthly payslips to employees' WhatsApp numbers, facilitating a smoother payroll process.
- Created QR code functionality where scanning the QR code redirects users to the iOS and Android applications.
- Integrated OData services seamlessly into Fiori apps, enabling efficient data retrieval and manipulation.

**NTT Data** — *Front End Development, March 2023 – Oct 2023*

**Tech Stack:** HTML, CSS, JavaScript, React.js, Node.js, NoSQL, MongoDB and Selenium.

- Implemented web technologies to enhance website (E-commerce) interactivity and user interface, incorporating custom functionalities to meet client requirements.
- Successfully implemented 60% increase in automated testing, resulting in 50% reduction in manual testing time.
- 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.

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

**Tech Stack:** S/4 HANA ABAP and ECC.

- Developed, tested, and documented Core ABAP Objects - SAP Reports, Interfaces, Conversions, Enhancements, and Forms.
- Created efficient S/4 HANA objects using developer tools (ADT) in Eclipse IDE, such as CDS Views and AMDB.
- 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.

## EDUCATION

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