Abhimanyu Pratap Singh

Career Summary

Experienced IT professional with 4+ years as a Business Analyst with background in software development, project management and client servicing with roles at Tata Consultancy Services, Amazon, and PepsiCo. Proven success in optimizing workflows, leading agile team, and delivering impactful solutions, including custom integrations and automated systems.

Professional Experience	31 months
Tata Consultancy Services Ltd - Technical Business Analyst	**Dec 2021 – Jul 2024**

Roles and Responsibilities

Technical Business Analyst (Integrations Team) – T-Mobile

- Worked closely with enterprise customers and an Agile development team to integrate device insurance services with a POS system in the mobile phone industry.
- Provided Lead to a 15% reduction in claims processing time which impacted over 750,000 devices globally by partnering with Apple stakeholders to gather requirements and successfully upgraded the AppleCare+ integration which enhanced the service functionality.

Business Analyst – eLearn Project (Procter & Gamble)

- Implemented software improvements that saved the company $150,000 in the first year, with an additional $400,000 over the following two years due to improved system efficiency.
- Improved system performance by 30%. by performing a gap analysis that identified and resolved 15 critical gaps and introduced 8 new features.
- Assessed software changes for dependencies, risks, effort, and business impact, resulting in zero critical failures post-implementation and a 50% reduction in post-launch issues.

Java Developer – GrDF (Distribution de Gaz Naturel en France)

- Followed the Agile Scrum methodology throughout the application development process, leading to 100% on-time sprints and reducing project delivery time by 25%.
- Ensured 99.5% accuracy in data integration between systems, created a comprehensive data mapping SOP for 200+ data fields.
- Contributed to 25% reduction in database errors post-implementation by supporting the data modelling team.

Deliverables:

Business Requirement Documents, Functional & non-functional requirements documents, System Use Cases Document, Process Models, Activity Diagrams, Gap Analysis Findings, SWOT analysis, RACI Matrix.

Professional Experience	10 months
Amazon Development Center - System Software Engineer 1	**Sep 2020 – Aug 2021**

Roles and Responsibilities

- Developed and annotated a comprehensive dataset of over 500,000 images and transaction records for AI training, achieving a 95% accuracy rate in item recognition. Reducing time per data point by 40% through optimized workflows and automation.
- 90% reduction in operational errors compared to traditional setups by deploying fully automated Go stores using AWS Sagemaker, reducing manual intervention time by 60% and streamlining operations. Led a pilot implementation across 10 stores.
- Achieved a 98% alignment rate between documented requirements and final system implementation by Coordinating with end users to gather and translate business requirements into actionable system specifications. Authored Business Requirements Documents (BRD) and Software Requirements Specifications (SRS) covering 100+ user scenarios.
- Managed project plans and deliverables with a 95% on-time delivery rate and enhanced project tracking processes to achieve a 20% increase in overall project efficiency by Utilizing Rational Unified Process (RUP) methodology throughout the PLC, improving project visibility and iterative development.

Deliverables:
Business Needs Assessment, Functional & non-functional requirements documents, System Use Cases Document, Process Models, SWOT analysis, and Test Strategy/ Plans

Professional Experience	8 months
PepsiCo (Varun Beverages Ltd.) – Graduate Engineering Trainee	**Jan 2020 – Aug 2020**

Roles and Responsibilities
- Led the production process for Pepsi Black with 2 operators under supervision, optimizing workflows to achieve a production yield of 101%, exceeding the standard production targets by 1%.
- Utilized SAP for real-time inventory management, reducing stock discrepancies by 12% and optimizing raw material usage, which improved material forecasting accuracy by 20%.
- Reduced water waste by 15% while maintaining stringent water purity standards by working on the wastewater treatment plant (WTP) to support the production of Aquafina, implementing process improvements.

Academic Qualifications	
International Management Institute New Delhi PGDM General Management	2024 - 2025 **Ongoing**
SRM University, Chennai Bachelor of Technology	2016 – 2020 **First Class**

Operational Tools

- MS Visio (Workflow Mapping), MS Office (Word, Excel advanced, PowerPoint, Outlook), Visual Studio Code (Agile Sprint Management, Java DevOps), Clear Quest (Defect Tracking), Rational RequisitePro (Requirement Management), Postman (API & docker container management), MS Access, Oracle DB, SAP, AWS Sagemaker. Tableau, PowerBi.

Certifications
- GenAI Certified Developer
- PMI Agile Certified Practitioner (PMI-ACP)
- IBM Product Manager Professional Certificate
- Scrum Master Certification Specialization

Awards and Academic Achievements

Best material science working project model (GYROSCOPE INNOVATION): Created a working model of a Gyroscope out of waste material which got us the first prize conducted at SRM University, Chennai

Extra-Curricular Activities

- **Branding and Media Relations Committee (Executive Member) at IMI New Delhi:** Coordinated and built the batch profile book along with the batch videos, implementing the AIDA framework.
- **Education Volunteer (Hope Chennai):** Raised funds for the organization and helped in conducting the events in the orphanages for children with autism.
- **ICSE State Basketball Championship:** Stood runners-up for four consecutive years conducted by the Basketball Federation of India.