SONU

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PROFESSIONAL SUMMARY

Results-driven Software Developer with 2+ years of experience specializing in enterprise integration, automation, and digital transformation. Proven expertise in delivering scalable solutions for 17,000+ employees managing 18,000+ IT assets through Python, Django, SAP PI/PO, and REST APIs. Demonstrated success in ERP-HCM integrations, QR/RFID platforms, real-time analytics dashboards, and multi-system integrations.

TECHNICAL SKILLS

Programming:	Python, Java, C/C++, SQL, JavaScript, HTML5, CSS3	**Frameworks:**	Django, Flask, Tkinter, REST APIs
Databases:	MSSQL, MySQL, PostgreSQL	**Enterprise Systems:**	SAP PI/PO, SAP MES, ERP Integration, HCM Tools
Integration Tech:	SFTP, JDBC/ODBC, RFID/QR Systems, IoT Devices	**Cloud & Platforms:**	AWS, Google Cloud Platform, SharePoint, Power Apps
Tools:	Git/GitHub, Postman, VS Code, Eclipse, Docker	**Security:**	Penetration Testing, Ethical Hacking, Cybersecurity

PROFESSIONAL EXPERIENCE

Functional Lead Developer   October 2023 – Present

Trident Limited, Punjab, India

- Architected and deployed QR-enabled Digital Business Card system for 500+ employees, eliminating physical cards and seamlessly integrating with HCM system for automated profile synchronization
- Engineered comprehensive QR/RFID-enabled Asset Inventory platform managing ~18,000 IT assets with full lifecycle tracking modules (onboarding, allocation, maintenance, disposal) and automated employee-asset mapping through HCM integration
- Integrated SharePoint workflows with HCM tool to manage employee details and organizational hierarchy of ~17,000 employees, enabling Power Apps and SharePoint-based business process applications
- Executed multi-system integrations connecting ERP systems, third-party applications, and IoT/hardware devices to streamline data flow, reduce manual intervention by 40%, and ensure 99.5% operational continuity
- Developed custom real-time monitoring dashboards and automated reports with predictive analytics capabilities, enabling data-driven decision support for executive leadership
- Led enterprise-wide process automation initiatives reducing manual effort by 35%, improving accuracy by 30%, and enhancing team productivity across 5 departments
- Managed vendor relationships through regular technical discussions with 4 active vendors and evaluated 12+ vendors/solutions across development, integration, and third-party tools to optimize technology stack
- Mentored 5 interns and junior developers through code reviews, technical training sessions, and project guidance, accelerating their professional growth and contributing to 100% project delivery success rate

SAP MES Intern   January 2023 – July 2023

Trident Limited, Madhya Pradesh, India

- Implemented equipment data integration with ERP system for centralized monitoring, reporting, and real-time equipment performance tracking across manufacturing facilities
- Designed and developed user-friendly dashboards providing real-time visibility into manufacturing process performance, OEE metrics, and production KPIs for shop floor management
- Collaborated with cross-functional teams to identify automation opportunities and implement solutions that improved data accuracy and reduced manual data entry by 25%

EDUCATION

Master of Computer Applications (MCA)	**Bachelor of Computer Applications (BCA)**
Panjab University, Chandigarh	KLSD College, Ludhiana
Computer Science | May 2020 – June 2023 | 76.0%	Computer Science | May 2017 – April 2020 | 75.8%

ACHIEVEMENTS & AWARDS

- **Trident Values Day Award (2024)** – Recognized for outstanding initiatives in development and digital transformation
- **Cyber Security Hackathon (2021)** – Competed in Indian Army's Sainya Ranakshetram national-level competition
- **Open-Source Contributor (2020–2025)** – 10+ public repositories, active Hacktoberfest participant
- **Technical Blogger** – Share insights on enterprise integration, automation, and emerging technologies

CERTIFICATIONS

- **Web Application Penetration Testing** – Security fundamentals and ethical hacking
- **Introduction to Cyber Security** – Swayam National Platform (2021)
- **Responsive Web Design** – freeCodeCamp (2019)
- **Generative AI Studio** – Google Cloud Platform AI/ML certification
- **Geoprocessing using Python** – ISRO Advanced Training (2021)
- **Ethical Hacker Professional** – Comprehensive security training