



SONU

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PROFESSIONAL SUMMARY

Software Developer specializing in enterprise integration and automation, with experience delivering digital solutions for 17,000+ employees and managing 18,000+ IT assets. Skilled in Python, Django, SAP PI/PO, and REST APIs, with proven success in ERP-HCM integrations, QR/Rfid platforms, and real-time analytics dashboards.

PROFESSIONAL EXPERIENCE

- Functional Lead Developer, *Trident Limited*Oct 2023 – Present | Punjab, India
- Designed and implemented a **QR-enabled Digital Business Card system for 500+ employees**, replacing physical cards and integrated with the HCM system.
 - Developed a QR/Rfid-enabled Asset Inventory platform managing ~18,000 IT assets**, with modules for onboarding, allocation, lifecycle tracking, and disposal - integrated with the HCM system for automated employee-asset mapping.
 - Integrated SharePoint workflows with the HCM** tool to manage employee details and organizational hierarchy of ~17,000 employees, enabling usage in Power Apps and SharePoint-based business process applications.
 - Executed **multi-system integrations** between ERP systems, third-party applications, and IoT/hardware devices to streamline data flow and ensure operational continuity.
 - Created **custom dashboards and automated reports** for real-time monitoring, predictive analytics, and decision support.
 - Led **process automation initiatives** to reduce manual effort, improve accuracy, and enhance team productivity.
 - Collaborated with 4 vendors** through regular meetings and technical discussions, and evaluated **12+ vendors/solutions** across development, integration, and third-party tools.
 - Mentored 5 interns and junior developers**, accelerating their growth and contributing to successful project delivery.

- SAP MES Intern, *Trident Limited*Jan 2023 – Jul 2023 | MP, India
- Enabled equipment data integration with ERP for centralized monitoring and reporting.
 - Developed user-friendly dashboards to help track manufacturing process performance in real time.

EDUCATION

- Master of Computer Applications (MCA) — Panjab University, ChandigarhMay 2020 – Jun 2023 | 76.0%
- Bachelor of Computer Applications (BCA) — KLSD College, LudhianaMay 2017 – Apr 2020 | 75.8%

SKILLS

Programming & Databases: Python, Java, C/C++, SQL, HTML, CSS, JavaScript, MSSQL, MySQL
Frameworks & Tools: Django, Flask, SAP PI/PO, REST APIs, Postman, Git/GitHub, VS Code, Eclipse, Power Apps, AWS
Integration & Protocols: SFTP, JDBC/ODBC, RFID/QR Systems, HCM Tools, SharePoint Workflows
Soft Skills: Problem Solving, Adaptability, Collaboration, Critical Thinking, Communication

ACHIEVEMENTS & AWARDS

- Trident Values Day (2024)** — Recognized for outstanding initiatives in development & digital transformation.
- Cyber Security Hackathon (2021)** — Participated in Indian Army's Sainya Ranakshetram competition.
- Open-Source Contributor (2020–2025)** — Contributed to 10+ public repositories, participated in Hacktoberfest
- 3rd Place in **Website Development** Competition, KLSD College (2020).

CERTIFICATIONS

- Introduction to Cyber Security** — Swayam (2021)
- Overview of **Geoprocessing using Python** — ISRO (2021)
- Responsive Web Design** — freeCodeCamp (2019)