



# 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, Chandigarh

May 2020 – Jun 2023 | 76.0%

**Bachelor of Computer Applications (BCA)** — KLSD College, Ludhiana

May 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)