

Shreenanda S

Shivamogga

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Summary

Innovative and detail-oriented software developer with hands-on experience in Python, embedded systems, and automation. Proven ability to build impactful solutions—from secure steganography tools to smart mobility systems—using technologies like Raspberry Pi, OpenCV, RFID, and cloud integration. Passionate about applying software to real-world challenges in education and public safety.

Technical Skills

- **Languages:** Python, C, C++, Html, Css, JavaScript.
- **Technologies/Frameworks:** Git, Docker, Linux, OOP's, OS, Computer Network, LLMs, Flask.
- **Developer Tools:** PyCharm, VS Code.

Education

Jawaharlal Nehru New College of Engineering

Bachelor of Engineering in Electronics and Telecommunication

CGPA: 8.20 - Aug, 2021 - Jul, 2025

Shivamogga, Karnataka

DVS COMP PU College

Pre-University, PCMCs

77.66% - Jul, 2021

Shivamogga, Karnataka

Sahyadri English Medium High School

High School, State board

74.56% — Apr, 2019

Shivamogga, Karnataka

Certification

- **Oracle Cloud Infrastructure 2025 Generative AI Professional – Oracle** (31/10/2025)
- **Cyber Security-IBM SkillsBuild** (6 weeks)

Internships

- **Cyber Security-IBM Skills Build** (6 weeks)
- **Diploma in VLSI System Design – Cranes Varsity** (6 Months)

Projects

Portfolio Website | *HTML, CSS, JavaScript*

- Designed and developed a fully responsive personal portfolio website using HTML, CSS, and JavaScript to showcase projects, skills, and achievements.

Swastha Nari: Automatic Sanitary Napkin Vending Machine | *C, Python, Arduino Uno, ESP8266, RFID Reader*

- Developed an automated vending machine for sanitary napkins using UPI payments and RFID card authentication.

Steganography: Secure Text Hiding in Images | *Python, PyCharm*

- Designed an image-based steganography system to hide and retrieve text securely.

Smart Attendance System Using Face Recognition | *Python, Fire Base, Raspberry Pi, OpenCV, RFID*

- Developed an attendance system using facial recognition to ensure contactless and accurate identification.

Clever Commute: Autonomous Vehicle for Smart Mobility & Public Safety | *Python, Raspberry Pi, LiDAR, GPS, Camera*

- Designed a self-driving vehicle integrating Raspberry Pi, LiDAR, GPS, and camera module for real-time navigation and decision-making.