

## Sneha K P

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### SUMMARY

Motivated Software Engineer in training with a strong foundation in Information Science and hands-on experience in full-stack development and machine learning. Skilled in Python, Flutter, and cloud platforms. Passionate about building impactful solutions through clean, scalable code. Seeking opportunities to contribute to real-world software projects in dynamic, growth-driven environments.

### EDUCATION

#### R N S Institute of Technology

BE in Information Science and Engineering(CGPA 8.5)

**Bengaluru**

2022-2026

#### Sri Aurobindo pre university(IND) college

**Shimoga**

Pre-University Education - Science, (PUC - 85%)

2022

#### Kramuka high school

**Chikkamagalur**

State Board Karnataka – (10<sup>th</sup> 87.68%)

2020

### ACHIEVEMENTS AND ACTIVITIES

- **Academic Excellence Award (School)** – Received merit award with monetary funding for outstanding performance
- Attended **web development classes** and hands-on workshops to build foundational skills in front-end and back-end technologies.
- **Led multiple college fest events** overseeing planning, coordination, ensuring smooth operations and high participant engagement.

### PROJECTS

- **AlertMate 360: Smart Wearable for Instant SOS Alerts**

Developed a smart wearable prototype integrated with a Flutter-based mobile app and SIM800L GSM module to send real-time SOS alerts via SMS during emergencies. Enabled location tracking, emergency contact notifications, and a user-friendly interface for quick access. Designed for personal safety, especially for women and children, combining hardware and software to deliver fast, reliable emergency communication.

- **Browser-Based ML Phishing Detector**

Built a web-based phishing URL detection system using XGBoost and Random Forest with 97.8% accuracy. Integrated React.js frontend and Flask backend for real-time URL analysis. Processed over 500,000 URLs with feature extraction (RFE, PCA) to classify phishing threats based on lexical, domain, and content-based indicators.

- **Resume Screening Tool**

Designed and developed an AI-driven resume screening system to streamline candidate evaluation based on job-specific requirements. Integrated Natural Language Processing (NLP) techniques for resume parsing and skill matching, enhancing recruitment efficiency. Leveraged Flask, Python, spaCy, and FuzzyWuzzy to extract, analyze, and compare candidate qualifications with precision.

### SKILLS AND LANGUAGES

**Software** – Python, Cloud Computing, Machine Learning, Full Stack Development

**Languages** – English, Kannada

### CERTIFICATIONS

- **Introduction to Networking and Cloud Computing-** Coursera
- **Python programming fundamentals-** Infosys
- **Flutter Masterclass-** Udemy
- **Project Management Essentials-** Coursera