

Purav S

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CAREER OBJECTIVE

To become a top-performing professional by mastering the depths of programming and software development. I am a passionate coder, eager to take on challenging, real-world problems, lead innovative teams, and build impactful projects. My ultimate goal is to continuously grow, lead with purpose, and achieve excellence at the highest levels of the tech industry.

SKILLS

Technical Skills: JavaScript, Python, C, HTML, CSS, MySQL, Git, GCP, Jenkins

Currently Learning: Node.js, Next.js, ReactJS

WORK EXPERIENCE

CoderOne, Bangalore

Nov 2024 – Jan 2025

Web Developer Intern

Built a web-based system with real-time feedback submission, secure login, and responsive design. Integrated custom forms, admin analytics, version control, and support modules. [Certificate!](#)

EDUCATION

Sai Vidya Institute of Technology

2022 – 2026

B.E. in Computer Science and Engineering

Current CGPA: 8.44

Relevant Coursework: C, Java, Python, Machine Learning, AI, DevOps, Cloud, CV, DSA, DBMS, OS, Digital Design, CA, Discrete Maths

MES BRS PU College

2020 – 2022

PCMC

72%

Strong foundation in Computers (C++)

MES Kishore Kendra Public School

2014 – 2020

ICSE

88.6%

Learned Java basics, OOPs, built CLI projects (Cafe Order System, Bill Calculator)

PROJECT WORK

- **PulseAI: Detect. Alert. Protect (2025):** Developing a machine learning-powered smartwatch prototype for heart health monitoring. Includes GSM alerts, real-time cloud sync, and anomaly detection.
- **PigGame (2025):** Developed the backend for a two-player dice-based game using JavaScript. Used Fisher–Yates shuffle to simulate fair and human-like dice rolls. | [Link!](#) | [Site!](#)
- **FinAI – NLP Chatbot for Financial Assistance (2025):** Built a finance-focused chatbot for Google Dev Solution Challenge with Python, Flask Framework. Gives market-based recommendations with legal insights. | [Link!](#)
- **ProcSAGE – Host Threat Detection (2024):** Python based ML model to detect anomalies in system calls. Enhanced endpoint security. Published at IEEE ESCI 2025. | [Link!](#)
- **Disease Prediction Using AI (2024):** Built an AI chatbot using Python and Gradio to assess risks of Parkinson's using symptom inputs. Aimed at early diagnosis support. | [Link!](#) | [Site!](#)

ACHIEVEMENTS

- **Secretary, IEEE Student Chapter – SVIT (6th Sem):** Led technical and outreach activities.
- **Secretary, Rotaract Club of SVIT (2025–26):** Managed service events and leadership programs since 2023.
- **IEEE ESCI 2025 Presenter & Author:** Presented and published “An Efficient Host Threat Detection Using the ProcSAGE Method” at IEEE ESCI 2025, Pune. | [Link!](#) | [Certificate!](#)

CERTIFICATIONS

- *Advanced C Programming* – Tim Buchalka, Udemy | [Certificate!](#)
- *Web Development Course* – CoderOne | [Certificate!](#)
- *Explore ML Using Python* – Infosys Springboard | [Certificate!](#)
- *Oracle SQL – Comprehensive Course* – Infosys Springboard | [Certificate!](#)
- *DSA Masterclass* – Infosys Springboard | [Certificate!](#)
- *UNIX & Linux OS Fundamentals* – Infosys Springboard | [Certificate!](#)