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
Soft Skills: Leadership, Adaptable, Disciplined

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 Proc-SAGE 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!