

GURSHAAN SINGH

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SUMMARY

Proactive Computer Science student with hands-on experience in IoT, cloud, and server management. Proficient in C++, Java, QML and SQL, with practical exposure to MySQL and Linux server administration. Made an ESP32-based real-time machine monitoring system for Global-SPS. Adept at learning new technologies quickly and applying them to build practical, efficient systems. Earned OCI Foundations Associate certification and completed NPTEL-certified course on Cloud Technologies.

EDUCATION

B.E., Computer Science	2023 - 2027 (expected)
Chandigarh University, Mohali, Punjab	CGPA: 7.56
University Institute of Engineering	
Relevant coursework: Data Structures and Algorithms, Operating Systems, Cloud Computing, Software Engineering, Database Management Systems	
Higher Secondary (Class XII)	2022 - 2023
Saffron City School, FGS, Punjab	Score: 70%
CBSE Board	
Secondary (Class X)	2020 - 2021
Akal Academy Dhindsa, Dhindsa, Punjab	Score: 94%
CBSE Board	

SKILLS

Programming: C/C++, Java, QML, HTML/CSS, JS

Cloud & DevOps: Oracle Cloud Infrastructure, Google Cloud Platform, Cloudflare, Bash, Git/Github

Networking & Systems: SSH, Linux(Fedora & Debian)

Others: Arduino, Circuit Design(Basic), Google Apps Script, Overleaf

WORK EXPERIENCE

Global SPS, Mohali, Punjab: Intern	June 2025 – July 2025
<ul style="list-style-type: none">Designed and developed a real-time ESP-32 based machine monitoring platform with a web-based dashboard.Improved efficiency and productivity of machine by tracking machine performance and operation at real time.	

ACADEMIC PROJECTS

SysMenu (Widget for KDE Plasma)	December 2024 - in progress
A widget designed to provide quick access to some of the basic system controls and improves visual aesthetics of the desktop.	
<ul style="list-style-type: none">Made it for a contest on reddit by u/ZnV1Some of the special features in it are the ability to set up timer for sleep, shutdown or reboot of system.	

CERTIFICATIONS & AWARDS

- Associate Cloud Engineer by Google (in progress).
- Oracle Cloud Infrastructure 2025 Foundations Associate (1Z0-1085-25) - Oracle
- Introduction to Cloud Computing - NPTEL.
- Ethical Hacking for beginners - Infosys Springboard.

ACTIVITIES & INTERESTS

- Member of IEEE CIS CUSB
- Participated in annual athletic meet for 1500m race at Chandigarh University
- Participated in 5K cross country run at Chandigarh University.
- Part of the DroidLinux club at Chandigarh University
- Interests and Hobbies:** Video Games, Traveling, Reddit, Movies, Exercising, Tinkering with electronics