Aryan Koul

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OBJECTIVE

A motivated Electronics Engineering graduate with a passion for innovation and a solid understanding of computer and electronic systems. Dedicated to using technical skills and problem-solving abilities to create effective solutions and support technological growth. Looking for a role that offers learning opportunities and allows me to contribute to the organization's success.

EDUCATION

Walchand College of Engineering, Sangli   (Sangli, Maharashtra)
Bachelor of Technology – Electronics Engineering; CGPA: 7.42   *2020 - 2024*

EXPERIENCE

Aviation Aerospace Private Limited   Jaipur, India
STEAM Trainer   *July 2024- Present*

- **Training & Development**: Leveraged project-based learning to foster creativity and practical engagement in STEAM fields.
- **Programming**: Mentored students in Arduino, C++, and Python to develop innovative STEM projects.
- **Collaboration**: Worked with cross-functional teams to design and implement effective project solutions.
- **Technical Skills**: Proficient in Python, C++, Arduino, Raspberry Pi, ESP32, circuit design, aerospace technology, 3D printing, and CNC laser engraving.

SKILLS SUMMARY

- **Languages**: Python(Basics), MySQL, HTML, CSS, C++/c
- **Tech**: GitHub, Operating System, RTOS, OOP's
- **Platforms**: Arduino, VS Code, GitHub
- **Soft Skills**: Leadership, Problem-solving, Analytical thinking, Teamwork, Communication, Time Management, Self-learning
- **Area of interests:** Web development and design, programming

PROJECTS

Dual Recognition Attendance system   Jan-May 2023
(B.Tech)   WCE

- Developed a dual recognition attendance system project using Tkinter, Django, OpenCV, and Pillow.
- The system is designed to make the attendance system more efficient, accurate, and secure than traditional methods.

Scanning Security System   Aug - Dec 2022
(B.Tech)   WCE

- Designed and developed a scanning security system project. This project enhances room security and reduces electricity consumption.
- Technologies used: Arduino and Proteus.

Masterminds
(B.Tech)

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4 Aug 2021
WCE
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- Developed and launched an innovative online platform that revolutionizes the way students prepare for various competitive exams.
- Utilized front-end technologies such as HTML, CSS, JavaScript, and Bootstrap to create an intuitive and comprehensive study resource.

Fin-Edu
21 Aug 2021
(B.Tech)   *WCE*

- Built a Financial Education web page focused on educating individuals on the importance of financial planning and how to achieve their financial goals through smart investing and budgeting.
- Technologies used: HTML, CSS, JS and Bootstrap

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ACHIEVEMENTS

- Project got selected for exhibition at Innovation Incubation and Entrepreneurship promising as growing Startup idea.
- 1st rank in NAVDHARA National level Hackathon conducted by PCCOER(2022).
- 3rd rank in ACM-Hackathon conducted By WCE-ACM (2020).
- Received the Certificate at social science exhibition.
- Gold Medalist, Football Inter-School Competition(2019).