

# Sawai Kumar

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## PROFILE

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As an Electronics Engineering graduate with a solid academic background and a keen passion for innovation, I am highly motivated and results-oriented. With a strong foundation in electrical circuitry, digital systems, and electronic design. I am eager to continuously learn and implement new ideas to excel in the industry, dedicated to making a meaningful impact through my work and embrace opportunities for professional growth and excellence.

## PROFESSIONAL EXPERIENCE

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### Trainee Engineer

*Pakistan Civil Aviation Authority (PCAA)*

08/2022 – 09/2022

Karachi, Pakistan

- Troubleshooting Process and software Testing
- Problem-Solving in Avionics
- Equipment Control System
- Air Traffic Services Message Handling Services
- Primary and Secondary Radar System

### Trainee Engineer

*Pak Medical Corporations*

04/2021 – 07/2021

Karachi, Pakistan

- Worked under the direction of a senior field service engineer to learn how to install, maintain and repair equipment.
- Learned how to perform maintenance procedures according to best practices.
- Supported senior engineer in performing safety tests
- Wrote reports on results of tests and presented them to senior team members.

### Trainee Engineer

*Sapphire Textile Mills Ltd (Unit No.1)*

02/2021 – 03/2021

Hyderabad, Pakistan

- Power plant operations and maintenance.
- Experience in managing a team of technicians and operators.
- Operate steam turbine.

## EDUCATION

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### Bachelor of Electronic Engineering Sir Syed University of Engineering and Technology

2019 – 2023

Karachi, Pakistan

I hold a Bachelor's degree in Electronics Engineering from Sir Syed University of Engineering and Technology, where I gained a diverse skill set in both electronic engineering and computer science through various relevant courses.

### Pre-Engineering Board of Intermediate Secondary and Education

2017 – 2018

Hyderabad, Pakistan

I have completed my Pre-Engineering program at Muslim Science Degree College, where I laid a strong foundation in fundamental engineering principles and acquired essential mathematical and scientific knowledge.

### Secondary School Certificate (SSC)

2014 – 2015

Hyderabad, Pakistan

*I have completed my Pre-Engineering program at hyderabad board*

## SKILLS

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- Problem Solving
- Team leading
- Communication Skill
- Circuit design
- Solar System Design
- Battery Management System
- Metlab
- Multisim

## LANGUAGES

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English ● ● ● ● ● Urdu ● ● ● ● ●  
Sindhi ● ● ● ● ●

## PROJECTS

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### Oxygen Concentrator Final Year Project

06/2022 – 01/2023

*Sponsor By Pak Medical Corporations*

Developed a comprehensive project focused on a Covid-19 so, design a Oxygen concentrator project – an electrical device that removes oxygen from the air. Concentrators use electricity to create oxygen, hence they do not require refilled.

- Using software tools ,Arduino and supporting hardware tools

## ORGANIZATIONS

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### Google I/O Extended

07/2019 – 07/2019

*Volunteer*

Hyderabad, Pakistan

- Organize Event
- Team Lead
- Meeting New People

## CERTIFICATES

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- Certificate Information Technology-2014 SZABIST
- Certificate Of Appreciation On The Winning The City Level Competition In Sector Education -2022 NATIONAL IDEAL BANK
- Certificate Exploring Engineering Universities in Pakistan -2022 ATS
- Certificate Training on E-Commerce Under The Digital Skill For Sindh Initiatives -2022 CYBERVISION INTERNATIONAL