

PRAVEEN KULLU

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SUMMARY OF QUALIFICATIONS

- Strong professional experience in a dynamic tech startup, focusing on technical responsibilities and client interactions.
 - Quick learner with the aptitude to swiftly adapt and implement new technologies and solutions.
 - Proficient in interpersonal and communication skills, suitable for a professional setting and collaborating with diverse individuals.
 - Innovative in problem-solving, backed by robust research abilities and adept at managing multiple tasks simultaneously.
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EXPERIENCE

Software Engineer| Firewires Onelot Pvt Ltd | 2021 - 2024.

- Served as a full-time employee and headed the firmware team.
 - Collaborated directly with clients to integrate their technologies into our company's cloud solution, offering support and developing custom tools as needed.
 - Oversaw the management of interns, handling tasks from interviewing and training to mentoring.
 - Worked with clients in home automation and industrial automation sectors.
 - Handled various hardware technologies, including ESP32, Cypress boards, and various Gateway technology.
 - Gained experience in backend development, particularly in writing APIs.
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VOLUNTEERING EXPERIENCE

Treasurer

EWB-HITAM | Hyderabad Institute Of Technology and Management, Hyd. | August 2019 - March 2021.

EWB Hitam Chapter was created under EWB India. As the treasurer, my duty was to,

- Responsible for managing finances for projects and events.
- Conducted fundraising events for undertaken projects.

Project Manager

EPICS | Hyderabad Institute Of Technology and Management, Hyd. | October 2019 - March 2021.

Engineering Projects In Community Services(EPICS) is a service-learning design program in which students partner with local and global communities to address human, community, and environmental needs.

- Responsible for completing and delivering projects
 - Managed, allocated, and guided teams with their projects.
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EDUCATION

Bachelor of Technology - Electronics and Communications Engineering

Hyderabad Institute Of Technology and Management, Hyd | 2017 - 2021

Intermediate - MPC

Narayana Jr College, Tarnaka, Hyd | 2015 - 2017

Secondary Education

Sarathi School, Habsiguda, Hyd | 2015

PROJECTS

Brain Tumor Detection

The project was a part of an internship/Training program by SmartInterns. We built a CNN model trained on a set of MRI scans relating to Brain tumors. This model was made via a web application that we built using Django as a backend.

Plant AutoBot

A system to monitor hydroponics farms, tracking environmental conditions and sending alerts to the user's phone. It employs Telegram APIs to request live data and saves all telemetry information in a local database, aimed at examining plant growth trends.

Santusht IP

This is a service and feedback system designed for ESI Hospital, Hyd. It is a web app used for receiving feedback and grievances from patients to improve hospital services.

SKILLS

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| • AWS for IoT | • C, C++, Embedded C | • Linux |
| • Git | • Python | • SQL |

CERTIFICATES AND ACHIEVEMENTS

Paper Publications

1. Smart Urban Farming (Entrepreneurship through EPICS), [PROCS_38695], Procedia Computer Science.
2. Improving Skills by Engaging in Student Organizations (A Case Study on Engineers Without Borders) Journal of Engineering Education Transformations, Volume 34, January 2021, Special issue, eISSN 2394-1707.

Certifications

- Open Source Software Development Methods | Coursera
- Federica X 48 Robot Development | Coursera

Organisations

- Engineers Without Borders.

Paper Presentations and Conferences

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| • ICTIEE 2019 | • ICTIEE 2020 | • WEEF 2020 |
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Competitions

- MEC Aether Hackathon 2018. (Certificate of excellence)
- MEC URS Hackathon 2019. (Certificate of participation)
- MEC URS Design Challenge 2019.(Certificate of excellence)
- IIB IoT Challenge 2020. (Certificate of participation)

Workshops

- Robotech workshop 2018.(Certificate of excellence)