

Mohan Aditya Sadhanala

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EDUCATION

- Rajiv Gandhi University of Knowledge Technologies** Nuzvid, India
 - Bachelor of Technology - Electronics and Communication Engineering; GPA: 8.00* July 2019 - May 2023
 - Courses:* Programming & Data Structures, Internet of Things, Embedded Systems, Computer Organization & Architecture, Machine Learning, Artificial Intelligence, Artificial Neural Networks, Intellectual Property Rights.

SKILLS SUMMARY

- Programming:** Python, C, JAVA, PHP, JavaScript, SQL, Bash.
- Technical:** Graphic Designing, Brand Design, Brand Strategy, UI/UX, MS Office, Content Writing, Video Conferencing, Presentations, Web Development.
- Management:** Leadership, Entrepreneurship, Strategic Thinking, Communication, Community Development, Networking, Team Management, Adaptability.

EXPERIENCE

- Sense Semiconductor & IT Solutions Pvt. Ltd.** Self-Employed
 - Chief Executive Officer* Nov 2022 - Present
 - Vision & Strategy:** Developed and executing a strategic vision for the company, leading to significant growth and increased market share for the company in the IoT and eLearning sectors.
 - Relations:** Maintaining strong relationships with key stakeholders, including customers, partners, investors, and the media, to drive positive brand recognition and enhance the company's reputation.
- Sense Semiconductor & IT Solutions Pvt. Ltd.** Self-Employed
 - Chief Operating Officer* Sep 2022 - Nov 2022
 - Operations & Functions:** Managed daily operations and led cross-functional teams to achieve company goals, resulting in improved performance of the company's operational structure and increased profitability.
 - Brand Management:** Build and engaged brand identity, updated earlier brand strategy with the newer brand vision.
- Department Placements and Internships Standing Committee - ECE RGUKTN** Full-Time
 - Student Convener* Jun 2022 - Present
 - Strategy:** Strategizing the campus placements affairs at the department level in collaboration with HoD ECE.
 - Brand Management:** Managing department community to promote department activities and enrich students' skills.
- Donakt - IT Services and Consulting Company** Internship
 - Web Developer & Graphic Designing Intern* Sep 2021 - Sep 2022
 - Web:** Developed a full-stack web application project - Astro Village. Worked on **JS, PHP, MySQL**, and **Hosting**.
 - Graphics:** Designed Graphics for several projects including **Web & Logo Design, Posters**, and **Social Media Posts**.

PROJECTS

- Project Green-Globe - (Team Lead + Programmer) (April 2022')**: A customized and intelligent plant watering system for horticulture. This project is one of the **Top 50 Innovational Ideas of Samsung Solve for Tomorrow** and has won **Award of Excellence in InnovateFPGA Design Contest 2021-22**.
Tech: Python, Regressions (ML), Weather Forecast, APIs, Internet of Things, Embedded Systems.
- APPHC SYSTEM - (Project Director) (Currently Working)**: Automated Paralysis Patient Health Care System, helps the patient, providing them with XR therapy for mental relief and alerting their doctor in critical conditions.
Tech: XR Technology, Internet of Things, Embedded Systems.
- Project PREV - (Project Director) (Currently Working)**: Pregnancy Vision application assists pregnant women with health care concerns, monitors baby growth and visualizes the fetus using XR Tech.
Tech: XR Technology, Internet of Things, Embedded Systems.

PUBLICATIONS

- IEEE Conference Paper: Movable Surveillance Camera using IoT and Raspberry Pi (July 2020)**: Published a technical paper on **Dynamic Surveillance** at **11th International Conference on Computing and Networking Technology (ICCNT) 2020**.
Tech: Python, Flask, Internet of Things, Embedded Systems.

HONORS AND AWARDS

- Top 50 of 18000+** issued by **Samsung Solve for Tomorrow** - September, 2022.
- Won Award of Excellence** by **InnovateFPGA Design Contest 2021-22** - April, 2022.
- Software Engineering Virtual Experience** issued by **JP Morgan Chase & Co** through Forage - July 2022.

VOLUNTEER EXPERIENCE

- Finance at Planning Executive at Campus Chronicle** RGUKT, Nuzvid, India
 - Working on Strategic planning for the Core & Executive operations of the organization.* Dec 2020 - Present