

# S KALYAN RAJ

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## EXPERIENCE

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### Virtual Internship

Cisco

June 2022 - August 2022, Online

- Completed an intensive 8-week virtual internship program with a significant emphasis on Networking Essentials and the fundamental principles of Cybersecurity.
  - Pursued designated certifications to fortify expertise in networking and cybersecurity, earning 3 certifications.
  - Demonstrated expertise by actively participating in and making significant contributions to a challenging project during the internship program, resulting in an impressive project review score of 90%.
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## EDUCATION

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### B.TECH in Computer Science and Engineering

Anurag Group of Institutions • Hyderabad

• September 2019 - May 2023

### Intermediate in MPC

Narayana Junior College • Hyderabad

• June 2017 - May 2019

### Matriculation SSC

Dilsukhnagar Public School • Hyderabad

• June 2016 - May 2017

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## PROJECTS

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### Portfolio Website

May 2023 - June 2023

- Crafted an engaging, responsive professional portfolio website utilizing HTML, CSS, and GitHub.
- Showcased a comprehensive summary of expertise and achievements on the portfolio website, featuring more than 10 skills, 12+ certifications, and accomplishments.
- Optimized website performance and responsiveness, achieving an average load time of under 2 seconds, ensuring a seamless and efficient user experience.

### Pharmaceutical UAV

December 2022 - March 2023

- Conceptualized a pharmaceutical UAV (Unmanned Aerial Vehicle) for efficient medicine delivery leveraging GPS technology.
- Developed a website using HTML, CSS, SQL, and Flask to enhance user engagement and interaction.
- Increased delivery efficiency by 90% through the implementation of the pharmaceutical UAV, reaching remote areas faster.
- Reduced delivery time by 80% through optimized flight path planning and navigation systems.

### Water Trash Collector

April 2022 - September 2022

- Created a specialized Android application to assist an IOT device in the collection of floating debris on water bodies.
- Achieved a debris removal rate of 94% through the IoT device, significantly improving the cleanliness of water bodies.
- Collaborated with a team of 4 members throughout the project lifecycle to ensure seamless development, testing, and deployment.

## AU Platform

January 2022 - February 2022

- Spearheaded the end-to-end development of a robust full stack website, harnessing HTML, CSS, JavaScript, and advanced database technologies.
  - Amplified proficiency in database management by designing and implementing a responsive database architecture that facilitated the seamless storage and retrieval of 50 + project details.
  - Orchestrated the exposure of 100+ students to an array of inventive project concepts by expertly presenting a repository housing an extensive collection of over 50 endorsed projects from diverse universities.
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## SKILLS

**Technical Skills:** C, Python, Html5, CSS3, JavaScript, SQL/DBMS, Testing, Debugging, OOPS, Software Development, Numpy, Pandas, Basics of Cloud Computing, AWS

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## COURSEWORK

Programming Fundamentals in C by Coursera

Crash course on python by Google

IBM Introduction to Cloud computing

AWS Academy Cloud Developing

Oracle - DBMS certification

IBM- Python for Data Science

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## CERTIFICATIONS

Accenture- Developer Virtual Experience Program

Deloitte - Technology Virtual Experience Program

Certificate of completion on various technologies from CCBP 4.0 Tech Community, NXT WAVE 2019-2023

Certificate of participation in top-5 in National Level quiz "QUIZ-A-THON" organized by SNIST

Achieved a position within the top 15 participants in the Internal Smart India Hackathon

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## INVOLVEMENT

**Android Designer at Android Club, Anurag University**

Anurag Group of Institutions • April 2021 - May 2022

- Served as an Android Designer, adeptly training 60+ students on using Android Studio software.
- Conducted highly successful boot camp sessions, imparting knowledge on 50+ key concepts and the latest features in Android development.
- Facilitated students in developing their first apps using Android Studio, providing guidance in the entire application development process.