

S KALYAN RAJ

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🌐 LinkedIn Profile

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EDUCATION

Anurag Group of Institutions

Bachelors of Technology in Computer Science Engineering - CGPA - 8.71

Aug 2019 - Mar 2023

Hyderabad, India

Narayana Junior College

12th Grade, TSBIE - Percentage - 95.40%

Apr 2017 - Aug 2019

Hyderabad, India

Dilsukhnagar Public School

10th Grade, SSC - CGPA - 9.5

Jun 2007 - Mar 2017

Hyderabad, India

TECHNICAL SKILLS

Languages: Python, C, Java, HTML, CSS, JavaScript, SQL, PowerShell, Excel

Developer Tools: VS Code, Android Studio, Visual Studio 2022, Jupyter Notebook, Power BI

Technologies/Libraries: Git, Internet of Things, NumPy, Pandas, Matplotlib

WORK EXPERIENCE

HCLTech / Graduate Trainee Engineer

Jan 2024 - Present

- Utilized PowerShell and C# to automate tasks and manage systems, while employing Kusto Query Language (KQL) to analyze data and generate 10+ reports.
- Created dashboards in Power BI and wrote KQL queries to visualize and display various data insights.
- Collaborated with team on backend operations on Microsoft Azure, translating development requests into efficient code solutions and working with cross-functional teams to meet task requirements.

PROJECTS

Pharmaceutical UAV / IoT, HTML, CSS, SQL, Flask, Git

Dec 2022 - Mar 2023

- Conceptualized a pharmaceutical UAV for efficient medicine delivery using GPS technology.
- Developed a website using HTML, CSS, SQL, and Flask to enhance user interaction and engagement.
- Optimized flight path planning and navigation systems to streamline delivery operations to remote areas.

Water Trash Collector / IoT, Android Studio, Git

Apr 2022 - Sep 2022

- Created a specialized Android application to assist an IoT device in the collection of floating debris on water.
- Achieved a debris removal rate of 94% through the IoT device, significantly improving the cleanliness of water.

AU Platform/ Java, JSP, JavaScript, MySQL, Eclipse IDE

Jan 2022 - Feb 2022

- Spearheaded the development of a full-stack website using HTML, CSS, JavaScript, and SQL.
- Implemented a database to manage and retrieve project details efficiently.
- Created a repository showcasing over 50 endorsed projects from diverse universities, introducing 100+ students to innovative project concepts.

COURSEWORK

- Data Structures & Algorithms
- IBM: Python for Data Science
- AZ-900: Azure AI Fundamentals
- Cisco: Data Analytics Essentials

EXTRACURRICULAR

Smart India Hackathon '23

Jun 2023

- Achieved a top 15 position in the Internal Smart India Hackathon, an institute-level competition.
- Developed a responsive webpage for storing final-year projects from various university students and to detect duplicate or similar project submissions

Namma Yatri Open Mobility Challenge '23

Apr 2023

- Secured a consolation prize at the Bengaluru Open Mobility Challenge '23 hosted by Namma Yatri.
- Developed a pharmaceutical UAV and a web platform to streamline medicine delivery to remote areas.