

# K S Sampath Surya

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## INTERN

I am a versatile individual with a passion for web development, data analytics, singing, trekking, and public communication. With a strong foundation in coding languages such as HTML, CSS, and JavaScript, I excel in creating visually appealing and user-friendly websites. Additionally, my expertise in data analytics allows me to derive valuable insights and make informed decisions. Alongside my technical skills, my love for singing and trekking nurtures my creativity and resilience. Furthermore, my effective communication skills enable me to connect with diverse audiences and convey complex information in a clear and engaging manner. I am eager to contribute my diverse skill set to impactful projects in the field.

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## KEY COMPETENCIES

### Programming Languages

• C • C++ • Python  
• Java • HTML • CSS  
• JS • PHP • React • R

### Tools & Technologies

• AI & ML • Basic Linux  
• Data Analytics • DSA  
• Web Development • OOP

### Skills

• Teamwork and Co-ordination  
• Communication  
• Operations management

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## PROJECTS

### CoLearn - An implementation of scientific study tools HTML, CSS, JS, PHP, Bootstrap, MySQL

Feb 2023 - Present

The website implements highly-effective yet less-known scientific study tools including the Pomodoro Technique for self-study, the Feynman System for discussion and the Leitner System for spaced repetition. Associated with Maharaj Vijayram Gajapathi Raj College of Engineering

### Course Registration Interface using Python Python, SQLite3, TKinter

Feb 2022 - May 2022

The application is useful for colleges to enable student course registrations. It uses SQLite3 database connected to a TKinter window. This interface is result of the Project Based Learning in my third-semester Python Programming Course.

Associated with Maharaj Vijayram Gajapathi Raj College of Engineering

### CLI Minesweeper Game in C C, Command Line Programming

Mar 2021 - May 2021

The game is a Command Line implementation of the Minesweeper game. It is a result of the Project Based Learning of my first-semester PPS course. Associated with Maharaj Vijayram Gajapathi Raj College of Engineering

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## EDUCATION

### Maharaj Vijayram Gajapathi Raj College of Engineering Bachelor of Technology in Information Technology

Jan 2021 - Present

### Sainik School Korukonda High School (PCMB)

May 2012 - Mar 2019

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## LICENSES & CERTIFICATIONS

<b>An Introduction to Microeconomics</b> <b>Issued by NPTEL</b> Trained in - Microeconomics, Cost, Profit, Demand & Surplus	<b>May 2023</b>
<b>Foundations of R Software</b> <b>Issued by NPTEL</b> Trained in - Data Science, R Language	<b>Nov 2022</b>
<b>Data Science with Python</b> <b>Issued by Udgam (The Annual Entrepreneurship Summit of IIT Guwahati)</b> Trained in - Data Science, Advanced Python Programming in Pandas, Tensorflow, PyTorch	<b>Oct 2022</b>
<b>IBM Z Xplore - Concepts</b> <b>Issued by IBM</b> Trained in - IBM zOS, Operating Systems	<b>Oct 2022</b>
<b>Supervised Machine Learning: Regression and Classification</b> <b>Issued by Stanford Online</b> Trained in - Machine Learning Concepts	<b>Oct 2022</b>
<b>Microsoft Certified : Azure AI Fundamentals</b> <b>Issued by Microsoft</b> Trained in - Microsoft Artificial Intelligence Tools	<b>Sep 2022</b>
<b>PCAP : Programming Essentials in Python</b> <b>Issued by OpenEDG Python Institute</b> Trained in - Basic Python Programming	<b>Sep 2022</b>
<b>Data Analytics Professional Certificate I</b> <b>Issued by Grow with Google</b> Trained in - Core Concepts of Data Processing, Analysis and Decision Making	<b>Jan 2022</b>

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## HONORS & AWARDS

<b>NCC 'B' Certificate Runner- Up</b> <b>Issued by NATIONAL CADET CORPS - India</b> Trained in - Weapon Training, Drill, Fieldcraft and Battlecraft Associated with Sainik School Korukonda - SSK	<b>Jun 2019</b>
<b>National Adventure Program, Pachmarhi</b> <b>Issued by The Bharat Scouts and Guides</b> Trained in - Trekking, Rappelling, Hiking, Discipline Associated with Sainik School Korukonda - SSK	<b>Apr 2015</b>
<b>Spelling - Bee Champion</b> <b>Issued by Rotary International</b> Trained in - Communication, Problem Solving, Memory Associated with Sainik School Korukonda - SSK	<b>Mar 2014</b>

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