

Anil Kumar Reddy Konda

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Education

University of Central Missouri

Master in Computer Science

Warrensburg, MO, USA

May 2023 - Current

CMR Institute of Technology

BTech in Computer Science

Hyderabad, TS, India

July 2018 - July 2022

Sri Chaitanya Junior College

Higher Secondary - Maths, Physics, Chemistry

Hyderabad, TS, India

Aug 2016 - June 2018

Army Public School Bolarum

Secondary- (CBSE)

Hyderabad, TS, India

April 2016

Work Experience

UCM - Integrated Marketing & Communications.

Warrensburg, MO, USA

Web/Digital Marketing Analyst - Student Worker

Aug 2023 - Current

- Managing content for UCM's website via OmniCMS, leading to a 15% increase in user engagement.
- Utilizing Google Analytics 4, Looker Studio, and Matomo to analyze web traffic, resulting in a 10% improvement in user retention and a 15% decrease in bounce rate.
- Translating web analytics into Google Sheets visuals, improving stakeholder comprehension.
- Working with Matomo, Google Analytics, Looker Studio, and Google Sheets.

CoMakeIT Software Pvt Ltd. (Xebia Product Engineering)

Hyderabad, TS, India

Associate Engineer

July 2022 – May 2023

- Played a Key role in an application migration from Heroku to Aws Cloud which included the migration of 7 applications, 5 databases, and multiple other AWS-managed services such as Redis, elastic search, and Memcache.
- Designed an automation tool that simplified the construction of user-defined architecture, leading to a 50% decrease in manual setup duration.
- Integrated and managed over 20 AWS resources, utilizing tools like Papertrail for real-time logging and AWS CDK to implement infrastructure-as-code, resulting in 30% faster deployment times.
- Leveraged Spring Boot, PostgreSQL, Bash, and Linux Administration to drive R&D efforts, leading to the successful launch of 2 major projects.

Engineer Intern

Sep 2021 – June 2022

- Developed a Banking Project using J2EE and JavaScript.
- Integrated DevOps tools: Docker, Jenkins, Ansible, and Terraform, boosting deployment efficiency by 40%.
- Used Spring Boot, PostgreSQL, React, Bash, and Linux Administration.

Synergina Pvt Ltd.

Hyderabad, TS, India

Full-Stack Developer Intern

Nov 2020 – Feb 2021.

- Spearheaded the development of a product tailored specifically for small manufacturers and retailers, driving a 40% increase in sales revenue and market penetration.
- Contributed to an ERP system, enhancing organizational efficiency.
- Initiated a project optimizing employee task management, boosting productivity.
- Used Node.js, MongoDB (Mongoose), and RESTful API.

Kirg Technologies.

Hyderabad, TS, India

Back End Developer Intern

July 2020 – Sep 2020.

- Worked on a project that focuses on college student's academics.
- That project focuses on digitalizing all the manual work done in colleges.
- Used PHP, SQL(MySQL), and WordPress.

CMR Institute of Technology.

Hyderabad, TS, India

Undergraduate Developer

Sep 2019 – June 2020.

- Implemented Grievance software, streamlining the communication process for 2000+ students to submit queries directly to stakeholders, reducing response time by 50% and improving overall student satisfaction.
- Designed and developed colleges' leave management system.
- Used PHP, SQL (MySQL), and other frontend technologies.

Technical Skills

Programming Languages:	Python, JAVA, MySQL, JavaScript, HTML/CSS, Bash Scripting, PostgreSQL.
Frameworks:	Spring Boot, Django, WordPress, Joomla.
Developer Tools:	Git, VS Code, PyCharm, Google Colab, Jupyter Notebooks.
DevOps Tools:	Docker, Kubernetes, Jenkins, GitLab CI/CD, GitHub Actions, Ansible.
InfraStructure:	AWS CDK, Terraform, Pulumi.
Cloud:	Amazon Web Services, Google Cloud Platform, IBM Cloud.
Operating Systems:	Windows, Linux (Ubuntu, RedHat, Kali).
Marketing:	Google Analytics, Looker Studio, Matomo, Google Tag Manager, Semrush

Publications

Unsupervised Clustering for Optimal Locality Detection - A Data Science Approach

P. A. A. Cherukuri, B. S. Allagadda, Anil Kumar Reddy Konda

International Journal of Hyperconnectivity and the Internet of Things (IJHIoT) (2023). 2023

Chatbot Implementation for Enhancement of Student Understanding - A Natural Language Processing Approach

Konda Anil Kumar Reddy, S. Jimada, Praneet Amul Akash Cherukuri, M. Janakirama Sarma

IJENC-2020 Proceedings. International Virtual Conference on Integrated Intelligence Enable Networks Computing, 2020, Uttarakhand, India

Proposed Hypothesis on replacing Non-Deterministic Approach to Abstraction due to the exhibition of faulty speculations

Indukuri Shreya, Anil Kumar Reddy Konda, Janakirama Sarma

Proceedings of International Conference on Research in Management and Technovation, 2020, ICRMAT 2020

Projects

Hospital Appointment Booking System.

- Aiming to optimize appointment bookings in healthcare settings using Django and MongoDB.
- Crafting an intuitive interface with Django for appointment functionalities
- Leveraging MongoDB for efficient data handling and rapid retrieval.
- Implementing real-time slot checks to mitigate scheduling overlaps.

Django Online MarketPlace

- Designing a user-centric e-commerce interface with Django for streamlined shopping and checkout processes.
- Employing MongoDB for robust product catalog storage and swift transaction handling.
- Integrating real-time inventory updates to ensure product availability and reduce order discrepancies.

GRIEVANCE SYSTEM.

- Streamlined query and complaint process in bustling academic and professional environments by implementing a user-friendly digital platform.
- The submitted query would be only visible to the admin who has the authority to solve queries. Made it using PHP and MySQL.

YELP - WEB SCRAPER (PYTHON).

- A user-friendly web scraper provides business data of a particular location when the location parameter is given.

Certifications

June 2020	IBM Applied AI Professional Certificate.
May 2020	ICSI CNSS Certified Network Security Specialist - International Cybersecurity Institute, UK
April 2020	IT Fundamentals Specialization. - IBM
April 2020	WD4E: Basics of Web Development & Coding Specialization.
March 2020	Entrepreneurship Development Accelerator Program - Indian School of Business

Achievements

CMRIT- Certificate of Appreciation, For developing the Grievance Management System

India

Synergina, Best Intern of the Month December

India

Cloudinary- BugCrowd, Hall of Fame for finding and reporting a bug.

India

Positions Of Responsibility

Member, Student Innovation Cell

2020 - 2021

Volunteer, Under 25

September 2019

Volunteer, Save Water Movement

March 2019