

CHANDRA KIRAN REDDY AVULA

✉ ackr8888@gmail.com 🌐 ackr8.com 📄 github.com/ackr-8 📄 linkedin.com/in/ackr8

EDUCATION

VIT-AP University

B.Tech Computer Science & Engineering with Specialization in Edge Computing

September 2025

Current CGPA: 8.62/10.0

FIITJEE Junior College

Class XI & XII

June 2020

Percentage: 77.4%

Jubilee Hills Public School

Class X

May 2018

Percentage: 79%

EXPERIENCE

Mekuva Technologies | Consultant (Part-Time)

Responsible for web development and cloud/IT administration.

January 2024 – Present

Mekuva Technologies | Intern

Product development focusing on embedded firmware for high speed FDM 3D printing, completely overhauled the company website, and incorporated new web services.

September 2024 – January 2024

PROJECTS

AQG - Auto Quote Generator | NextJS, MERN, Docker

January 2024

- Developed an online SaaS platform for Mekuva Technologies that automatically generates quotes for clients based on their 3D CAD designs for 3D printing.
- A full-stack web application developed using Next.js with the MERN stack, incorporating a custom backend and microservices architecture.

Shorty | TS, Deno, Fresh, Tailwind, Git

March 2024

- A web app for shortening URLs, featuring a link management dashboard secured by GitHub OAuth login.
- Utilizes state-of-the-art frameworks and is deployed on globally distributed edge servers, achieving an average user latency of under 50 ms.

Zeyfer | PlatformIO, ESP-IDF, Embedded Systems

Aug. 2023

- V1: Smart mask for respiratory disease detection using Edge Computing and DL.
- V2: Multi-sensor device for vital health monitoring, with IoT & on-device diagnostics for occupational safety.

SKILLS / CERTIFICATIONS

Languages: Java, JavaScript/TypeScript, HTML/CSS, PHP

Tools/Frameworks: Git, NextJS, React, Docker, Kubernetes, Containers, Ansible, Terraform, GitHub Actions, Jenkins, AWS S3, Nginx, Apache, Traefik, MongoDB, MySQL, DenoKV, VS Code, PlatformIO, STM32CubeIDE, Bash

Certifications: Oracle Cloud Foundations Certified Associate, Microsoft Certified: Azure Fundamentals, Microsoft Certified: Power Platform Fundamentals, NVIDIA - Fundamentals of Deep Learning, ISRO - START.

LEADERSHIP / EXTRACURRICULAR

Open Source Community - Mozilla Campus Club

Community Lead

January 2022 – January 2024

VIT-AP University

- Led chapter of 200+ members to work towards open source contributions, projects and organized various technical events like workshops and hackathons.
- Began as a Technical Developer, advanced to DevOps Lead, then to Vice President and finally became Community Lead of the club.

TEDxVITAP 2023

Organizer

May 2023

VIT-AP University

- Managed website development, sponsorships, and coordinated volunteers for TEDxVITAP, leading to an impactful event.

Byte Bending Championship 2023

Finalist

November 2023

T-Works Foundation

- Secured 5th position in the final round of the T-Works Byte Bending Championship 2023 at the national level.