

# K. SAI ANAND VARDHAN

ECIL, Hyderabad, India – 500062

Email: [kanandvardhan@yahoo.com](mailto:kanandvardhan@yahoo.com)

Mobile: +91-9440242466

GitHub: <https://github.com/kanandvardhan>

LinkedIn: <http://www.linkedin.com/in/kanandvardhan/>

## QUALIFICATIONS:

### Post Graduate Diploma in Advanced Computing (PG-DAC)

Centre for Development of Advanced Computing (CDAC) – Hyderabad. 2023

Percentage: 75.13% ('A' GRADE)

### Bachelors of Technology in Civil Engineering

Potluri Siddhartha Institute of Technology - AP, Vijayawada. 2018-2022

CGPA: 8.91

### Higher Secondary (10+2 equivalent)

Sarada Educational Institutions (AP-BIE). 2016-2018

Percentage: 95.2%

### Secondary Schooling (10 equivalent)

Dilsukhnagar Public School (SSC, TS-BSE). 2016

GPA: 9.5

### GRE General Test

Score: 315

## WORK EXPERIENCE:

- **Flavum HealthTech | Full Stack Engineer** (June 2023 – December 2023) – Working as Full Stack Engineer at [Flavum HealthTech](#), a startup based on early detection of cancer. I'm currently developing the company's website, and also actively working on developing an appointment booking & management system from the scratch with a lead role and also developed a website for a sub-brand called [bae.health](#).

## INTERNSHIPS:

- **CDAC** (March 2023 - Aug 2023) – Completed training in Web Development in various technologies like Java, MERN as well as ASP.NET including other aspects which are OS, DSA and ASDM. Developed a Full Stack Web Application titled Employee Management System.
- **Wipro Velocity** (Jun 2022 - Aug 2022) – Completed training & Internship in Cloud – AWS and built a full stack online E-commerce application then deployed.
- **Cognizant** (Mar 2022 - May 2022) – Completed training & internship in Quality Engineering and Assurance, developed testing automation frameworks.
- **NIT-Warangal** (Feb 2022 - Mar 2022) – Completed internship for Council of Scientific and Industrial Research (CSIR) project in "Development of Trip Generation Manual for Indian Cities" from National Institute of Technology, Warangal (NITW).
- **LCC Ready Mix Concrete** (Apr 2022) – Completed 7-day internship in Concrete technology.
- **SkillDzire** (Nov 2021 - Dec 2021) – Completed training & internship project in Structural Analysis & Design using STAAD Pro.

## PROJECTS UNDERTAKEN:

- **Video Streaming App (Twitch clone) – Next.js App** (December 2023):  
I developed an video streaming web application that uses livekit API to stream your screen live as a host and viewers can watch it and chat with the community all in real-time. This app is made using Nextjs, Tailwind CSS, Shadcn-ui library, Prisma ORM, Postgres SQL database. ref: <https://next14-twitch-clone-beta.vercel.app/>

- **E-commerce Webapp – MERN Project** (August 2023):  
I developed a feature-rich E-commerce web application utilizing the MERN stack. It boasts robust user and admin authentication system, secure card payment processing via Stripe integration, and seamless email services. Users receive product updates via email, while a forgot password feature ensures smooth account recovery. ref: <https://mern-ecommerce-gamma-one.vercel.app/>
- **Employee Management System – React + Java Stack** (June 2023):  
Built a full stack application that can manage employee's data according to authenticated, authorized admin/user roles using React.js, Spring Boot, MySQL as my project for course pursuing at CDAC.
- **VMA Associates – Next.js App** (March 2023): Personal Project  
I created VMA Associates, a business website using Next.js. (Freelancing) developer. This project showcased my proficiency in web development and react, highlighting my ability to deliver effective and visually appealing websites.  
ref: [VMA Associates \(https://vmaassociates.in\)](https://vmaassociates.in)
- **Shop for Home – Online eComm App – Angular + Spring Boot** (July 2022):  
During my internship at Wipro-Velocity, I developed a full-stack E-commerce application using Angular, Spring Boot, and PostgreSQL. I also gained experience in deploying the application on AWS. This hands-on project strengthened my skills in web development and cloud deployment.
- **Hotel Availability – Automation Framework** (May 2022):  
I had the opportunity to gain expertise in Selenium automation testing during my internship at Cognizant as part of my training in QEA. I successfully designed and developed an online hotel availability testing automation framework using Selenium. My knowledge of software testing and test automation has been enhanced by this experience.
- **An Analytical study on the physio-chemical characteristics of ground water in Vijayawada by using GIS and its suitability** (February 2022 – April 2022):  
The Graduation Project analyzes groundwater in Vijayawada city to evaluate its physico-chemical properties. Water samples from different locations are assessed against IS 10500 (2012) standards. Using ArcGIS, generated spatial distribution maps, identifying areas needing remedial action for ensuring safe and suitable ground water sources.
- **G+3 Commercial Building using STAAD Pro** (December 2021):  
The Graduation Minor Project aims to design a virtual G+3 reinforced concrete (RCC) building developed using STAAD Pro for structural analysis and design, ensuring safety and efficiency. The project encompasses foundation, columns, beams, and slabs, considering various load combinations while complying with IS Code specifications. The outcome showcases practical application of engineering principles in creating a comprehensive structural design for a commercial building.

## COURSES & CERTIFICATIONS:

- **PGDAC** – CDAC
- **Cloud – AWS** – Wipro (Great Learning).
- **CSIR - Development of Trip Generation Manual for Indian Cities** – NITW
- **QEA Training** – Cognizant.
- **Integrated Waste Management for a Smart City** – NPTEL.
- **Python Programming** – APSSDC.

## KEY SKILLS:

- **Programming languages** – C, C#, Java, HTML, JavaScript, TypeScript, SQL, NoSQL.
- **Tools** – MongoDB, Tailwind CSS, AWS, Selenium, AutoCAD 3D.
- **Frameworks** – ASP.NET Core 7.0, Node.js, React.js, Angular, Spring Boot, JSP Servlet.
- DevOps tools - Git, Jenkins for CI/CD.