

SANAPALA CHANIKYA

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🌐 chanikya-portfolio-mocha.vercel.app

GitHub: github.com/Chanikya-Sanapala LinkedIn: linkedin.com/in/chanikya-sanapala

PROFILE

Motivated full-stack focused engineering student with experience in AI-enabled web applications, authentication systems, and real-world deployment workflows. Interested in building scalable and secure software products.

EDUCATION

B.Tech — Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology
Chennai

2022 – 2026 CGPA: 8.2

Intermediate — Krishna Chaitanya Junior College
2020 – 2022 Nellore
Score: 73.5%

SSC — Anglophil EM High School
2019 – 2020 Nellore
Score: 100%

TECHNICAL SKILLS

- **Programming:** Java
- **Frontend:** HTML, CSS, JavaScript, React, Next.js, Tailwind CSS
- **Databases:** MySQL, MongoDB, Firebase Firestore
- **Mainframe:** TSO/ISPF, SDSF, JES2 Operations, JCL
- **Tools:** Firebase Auth, Git, Vercel, XAMPP
- **Concepts:** Resume Matching, Authentication, Role-Based Systems

PROJECTS

AI-Powered Job Portal Application

- Built full-stack job portal with separate Jobseeker and Recruiter dashboards using Next.js
- Implemented AI resume matcher to compare resumes with job descriptions
- Generated eligibility scores and shortlisted candidates with 75% threshold
- Designed automated AI interview workflow with 24-hour email notification system
- Developed recruiter dashboard to review resumes, scores, and interview results
- Enabled job posting, applicant tracking, and monthly recruitment analytics
- **Tech Stack:** Next.js, React, Tailwind CSS, Resume Matching Logic

LAVAZA Entry Verification System

- Developed secure student entry verification system using Next.js and Firebase
- Restricted login to official Gmail accounts using Firebase Authentication
- Stored and validated student data in Firestore database
- Generated QR codes after verified login and enforced one-time entry rule
- Deployed live using Vercel
- **Tech Stack:** Next.js, React, Firebase Auth, Firestore, QR Code

Food Delivery Web Application

- Developed responsive food delivery platform using HTML, CSS, JavaScript, PHP
- Built dynamic dashboard with database-driven updates
- Implemented CRUD operations with MySQL via XAMPP
- **Tech Stack:** HTML, CSS, JavaScript, PHP, MySQL

Solar Tracking System (Arduino)

- Built automatic solar panel orientation system using LDR sensors
- Controlled servo motor alignment based on light detection
- Improved energy efficiency by 30%
- **Tech Stack:** Arduino UNO, LDR Sensors, Servo Motor

INTERNSHIP

Full Stack Engineer Intern — NLP CloudX Solutions Pvt. Ltd.
Sep 2025 – Jan 2026

Hyderabad

- Completed full-stack engineering internship on production-style web applications
- Developed and tested frontend components and backend integrations
- Worked with modern JavaScript frameworks and deployment workflows
- Performed debugging, feature enhancements, and performance tuning
- Contributed to real-world product development tasks

AI & Machine Learning Intern — NIELIT
19th June - 23rd June 2024

Chennai

- Completed AI/ML internship program with hands-on model development
- Practiced ML workflows using Google Colab
- Learned machine learning algorithms and model training basics

CERTIFICATIONS

- IBM — Mainframe Practitioner
- IBM — Introduction to z/OS Commands and Panels
- Infosys — Python for Beginners
- Infosys — Java Programming Fundamentals

ACHIEVEMENTS

- Second Prize — Photography, ILIZIUM'25 National Level Technical Event

HOBBIES

- Photography
- Exploring New Technologies
- Listening to Music
- Watching Movies