

CHOKKAPU GOWRISWARA RAO

Codechef | Codeforces | Leetcode | GFG

Department of Information Technology

National Institute Of Technology Raipur

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Degree/Board	Institution	Year	CGPA/%
B.Tech, IT	National Institute of Technology Raipur	2026	8.62/10.0
BIEAP- XII	Sri Viswa College, Vishakhapatnam	2022	96.0%
SSC - X	Narayana School, Bobbili	2020	98.5%

TECHNICAL SKILLS

Programming Languages: C++, Python (Basics)
Web Development: HTML, JavaScript, CSS, React.js, Node.js, MongoDB, Express.js,MySQL
Data Science: Machine Learning
Tools & Utilities: Git, Render
Core CS Concepts: Data Structures and Algorithms, Operating Systems, Object-Oriented Programming, Databases (DBMS)
Soft Skills: Team Leadership, Effective Communication, Problem-Solving, Building Professional Relationships

PROJECTS

Sustainable Organic Farming Platform [Link]

- Built a full-stack MERN application enabling brokers to collect unused animal waste from over **100+ farmers** and enhance it into high-quality fertilizer for resale.
- Implemented secure user authentication with login and signup functionality, allowing farmers to register, list their waste, and manage transactions seamlessly.
- Integrated DaisyUI and Tailwind CSS for a responsive UI, enhancing load times by **30%** and ensuring smooth navigation with React Router.
- Enabled real-time notifications using react-hot-toast and streamlined form validation with React Hook Form, reducing errors by **40%**.
- Tech Stack:** MongoDB, Express.js, React.js, Node.js (MERN), Vite, DaisyUI

Chat Application [Link]

- Developed a full-stack login and signup form managing authentication for **50+ users** with password hashing and JWT-based session management.
- Built a responsive frontend with React, reducing page load times by **20%** and ensuring smooth UI/UX.
- Secured backend API using Node.js and Express, ensuring proper data handling in MongoDB with **100%** form validation coverage.
- Tech Stack:** MongoDB, Express.js, React.js, Node.js (MERN)

Ecommerce-site [Link]

- Built a shopping app featuring **50+ products** with product listings, a shopping cart, and secure user authentication.
- Optimized product search speed by **25%** using React hooks for dynamic state management.
- Designed a fully responsive interface, enhancing mobile usability for **70% of users**.
- Tech Stack:** React.js, React Hooks, CSS Modules

Portfolio [Link]

- Developed a personal portfolio website showcasing **5+ projects** with a text-to-voice feature for improved accessibility.
- Enhanced site load speed by **35%** with clean HTML and CSS structure, ensuring compatibility across devices.
- Tech Stack:** HTML, CSS, JavaScript

ACHIEVEMENTS

- Leetcode **Solved 300+ questions,450+ questions solved, Max-Rating:1756,Rank(weekly-428):101**
- GFG **Max-Rating:1590**
- Codechef **Rank: 40,000 ; Max-Rating:1490.**
Coding Ninjas **Max-Rating:1770 , weekly contest 119 rank:212**
- Successfully completed the INTERNPE Internship on **WEB DEVELOPMENT [Link]**

POSITIONS OF RESPONSIBILITY

Volunteer

- Sanskriti club, NIT Raipur
- Apr'22 - Present
- Designed and executed a feedback mechanism for Eclectika, collecting insights from 200+ participants post-event, which informed future planning and enhanced the overall experience for subsequent festivals.
 - Collaborated effectively with team members to brainstorm and execute innovative solutions for work challenges, ensuring a cohesive workflow.
 - Demonstrated a proactive attitude by taking initiative in tasks, contributing ideas, and encouraging team discussions for improved outcomes.