

# SRI RITWIK CHEKURI

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## EDUCATION

### IIIT Sricity

*Bachelor of Technology in Computer Science and Engineering (CGPA of 8.9)*

**August 2019 - May 2023**

*SriCity, India*

### Fiitjee junior College

*Secondary Education (CGPA of 9.67)*

**July 2017 - June 2019**

*Vijayawada, India*

## PROJECTS

### Jobs Portal

*ReactJS, MongoDB, NodeJS, Express*

- Customized an application similar to a job portal in which one can post a job opening and others apply to the job.(ignoring the constraint of “Can anyone post a job”).
- Included features like filtering the available opportunities and shortlisting top candidates based on the skills(resume).
- Integrated features like pagination to display 5 to 10 posts per page and hyperlinks to the complete details of the job.

### House Rental application

*MongoDB, NodeJS, Express, ejjs*

- Made an application that helps people to find an affordable home with a budget ranging from Rs.5000 to 20000.
- Improved the application by adding the functionalities like filtering top k homes based on interests, searching a budget friendly house based on the location from the map with 100 percent accuracy etc.

### Blogging Application

*MongoDB, NodeJS, Ejs, Editor.js, Express*

- Developed a full stack blogging application which displays top k most recent blogs and top 10 trending blogs.
- Provided the functionality to segregate and filter the blogs based on 2 to 5 tags mentioned initially by the author.
- Deployed the final application to heroku and coded some 10 to 15 unit and integration tests using jest and supertest.

### Tic Tac Toe

*ReactJS, Javascript, Alpha-Beta Pruning*

- Built an ever-winning tic tac toe game of size 3x3 using alpha-beta pruning and react.
- Implemented a feature to revert to any previous move in the game except move 1.

## TECHNICAL SKILLS

**Languages:** C, C++, JavaScript

**Data Base:** MongoDB, SQL, MySQL, SQLite

**Dev Technologies/Frameworks/Libraries:** HTML, CSS, Bootstrap,NodeJS, ReactJS, ExpressJS, Git

**Soft Skills:** Leadership, Writing, Event Management

## PROFILE LINKS

[LeetCode !\[\]\(5ca7d0bd23567a9aa1f800590644baea\_img.jpg\)](#) [CodeChef !\[\]\(93a800b136548d380c0cb54631afba93\_img.jpg\)](#) [Codeforces !\[\]\(40a6cd18f08ce54196fabcdb64106cda\_img.jpg\)](#) [ICPC !\[\]\(99fcfa15ae0e4ccc67b34482a45ff26f\_img.jpg\)](#) [Github !\[\]\(15063cc7f104ed68798ebf8fdc754231\_img.jpg\)](#)

## ACADEMIC ACHIEVEMENTS

- Achieved Indian rank 69 in ACM-ICPC Amritapuri Regionals and college rank 1 in the college’s annual coding contest.
- Google Kickstart Global Rank 583 in round E, qualified for Facebook hacker cup round 2.
- 5 star coder(max rating 2072) in codechef, expert(max rating 1637) in codeforces.
- Scored Global rank 110 in CodeChef September challenge div1, Global rank 291 in codeforces round 707 out of 20k participants.

## LEADERSHIP ROLES AND EXTRA CURRICULAR ACTIVITIES

### Gradient

**December 2020 – August 2022**

*Vice President*

*Problem setter and tester*

- Managed all club-related activities like maintaining codeforces group of 400+ members, coordinating contests, and supervising sessions for batches of size 100-200.
- Enrolled various activities like cleaning surroundings, participating in 10-kilometer marathons, and coordinated events in villages of population 300-500 near SriCity.
- Part of the 20-member cricket team of the college in the first year.