

Ritu Raj

+91 7782804325
rituraj22in@gmail.com

EDUCATION

NIT PATNA

B.TECH IT

Expected 2020 | Patna, India
CGPA: 7.18 (Till 6th Semester)

DAV BSEB

XII (SENIOR SECONDARY), SCIENCE

Grad. 2016 | Patna, India
Percentage: 92.4%

CARMEL JUNIOR COLLEGE

X (SECONDARY)

Grad. 2014 | Jamshedpur, India
Percentage: 90.8%

LINKS

Github:// [rituraj22](#)
LinkedIn:// [rituraj22](#)
Codechef:// [rituraj22](#)
CodeForces:// [ig_monkey](#)

SKILLS

Proficient:

Java • Android • Git • JavaScript

Experienced:

C • C++ • Node.JS • SQL • Memcached

Familiar:

PHP • VueJS • Firestore

HOBBIES

Competitive coding • Watching short
form documentaries • Reading non fiction

EXPERIENCE

PARTH UNIVERSAL | SOFTWARE DEVELOPMENT ENGINEERING INTERN

Oct 2018 – Present

- Worked as one of the initial developers on **Cricket Exchange**, an app with 10 million+ downloads and 1 million peak concurrent users
- Designed, planned and implemented new database structure removing redundancy, and reducing database cost by more than 50%
- Led android development, reducing crash rates and improving performance
- Made commentary portal with auto generated comment from ball information
- Managed and optimised Play Store listing for better discoverability
- Overhauled UI according to design mockups

PROJECTS

P2P FILE DISCOVERY AND DOWNLOAD MINOR PROJECT 6TH SEM

A proof of concept app which allows users to advertise shared files across their subnet using mDNS, which can further be downloaded by other devices in the same subnet. It is a fully distributed decentralised place to share files, without any centralised authority. All files are identified by their hashes, and the hash can be used to request download of a file

FRIDGE FOR CODECHEF

Reverse engineered codechef API to build an android app. The app lets you download and browse codechef questions/contests and set reminders.

MARKS AAYA

An app which sends http request to nit patna student's portal and parses the html response to provide a mobile friendly ui with offline support for viewing marks and attendance (with total and percentage calculation)

LIBRARY MANAGEMENT SYSTEM

A group project developed for Web Technology Lab in 5th semester. It is a web app developed using modern web tools like node.js, ejs to manage library with mysql database.

SAMBHAVNAEIN

- Led team to 1st rank in hackathon organised at IIT Patna
- The app suggests students various colleges and courses according to their interests and needs

ACHIEVEMENTS

2017	1st	OpenDataGov Hackathon, IIT Patna
2018	Final Round	Smart India Hackathon
2019	Global rank 93	Codeforces round #596
2019	ICPC Regionals	Amritapuri & Kharagpur