



## Akash Jaiswal

B.Tech - Civil Engineering (Minor in Computer Applications)

Gender: Male

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## Educational Qualification

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2020-2024	B.Tech- Civil	NIT, Trichy	8.14
2020	Class XII	St. Xavier's School, Ramnagar, CBSE	91%
2018	Class X	St. Peter's School, Akbarpur, ICSE	91%

## Academic Achievements

- Accepted as **contributor** to CCExtractor org for [Google Summer of Code 2022](#), out of 4000+ applicants from 96 countries.
- Completed **KWoC 2021** with 5+ projects contributions and 4k+ lines code changes.
- Completed **Hacktoberfest 2021** with 10+ project contributions.
- 3<sup>rd</sup> position in ICY Cup and 3<sup>rd</sup> position in Code Connoisseurs conducted by **Spider – R&D Club of NIT Trichy | 2021**
- Codechef **Global Rank 194 Div 2** in International Coding Marathon IIT BHU 2021
- 2nd prize in Covalent Competition (Technical Bounty) **Inter NIT CONCLAVE-X 2022**
- 1st prize in Cryptotrader - Cogni 2022 IIT Roorkee and 2<sup>nd</sup> Prize in Cryptocon – Rendezvous 2022 IIT Delhi
- Two times qualified Stage 2 of **Zonal Cyber Olympiad** in year 2018 and 2019 conducted by IARCS.

## Internship Experience

- Contributor @ CCExtractor, Google Summer of Code 2022 :** Jun 2022 - Present
  - Started the [Its Urgent app](#) under CCExtractor org for GSoC'22.
  - An app that lets the caller decide if the call is urgent or not, caller can decide the urgency rating of call.
  - Setup automatic CI/CD on github for faster testing and release using github actions.
  - The backend tools used are Firebase Cloud Messaging for notifications and Firebase Firestore for database.
  - Tech slack – Flutter and Firebase
- Web Developer at Nyayaag Advocate : [Github](#)** April 2022 - Jun 2022
  - Worked as web developer for Nyayaag Advocate startup, incubated under CEDI NIT Trichy.
  - I designed the website with features like user registration, login, dashboard pages for advocates and client.
  - Tech slack – Flutter, MongoDB and NodeJS

## Projects

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- **Code Character 2022 :** [GitHub](#) March 2022  
A turn-based strategy game where player control troops in real-time simulation. Player control their troops by writing code in either of three languages namely – Java, C++ and Python. Player also safeguards their home-base from enemy attack by putting robust defences. **Tech Stack – Phaser3, TypeScript, Spring Boot Kotlin, Rust, RabbitMQ.** The contest ran for **10 days with 250+ participants from 106 colleges and 20,000+ match simulations.** I was responsible for frontend – **leader board and battletv pages** for codecharacter web.
- **DWoC Website :** [Website](#) Nov 2021  
Delta Winter of Code is a **open-source program** operated by Delta Force, NIT Trichy with the aim to introduce programmers to the world of open-source software. I did the front-end of website, specifically the **admin page** of website. **Tech stack – ReactJS, GraphQL and Javascript.** I also participated as **mentor** for Entrix organisation in DWoC 2021.
- **Sarkari Result App:** [Play Stores](#) Apr 2021  
A android app that gives information about government jobs opening. Used Google analytics and Google Admob. 1k+ downloads on playstore.

## Technical Skills and Certifications

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- Programming Languages : C++, Java, Javascript, Python, Kotlin, C, C#, Bash
- Tech Stack : Android development, Full Stack Web development, Flutter, React, NodeJS, Unity3D
- Tools and OS : Git, Github, Shell/Bash, Firebase, Azure, Docker, Linux, Custom ROMs and Rooting, Apache
- Others : MySQL, MongoDB, PostgreSQL, GraphQL, CTFs, Web3, CI/CD

## Positions of Responsibility

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- **Microsoft Learn Student Ambassador:** Aug 2021 – Present  
Learn Student Ambassadors are a global group of campus leaders who are eager to help fellow students, create robust tech communities, and develop technical and career skills for the future. It is a worldwide program directly led by Microsoft where it helps in building technical skills of the students and most importantly knowledge of Microsoft technologies.
- **Full Stack Web and Android Developer at Delta Force :** Aug 2021 – Apr 2022  
Member of official programming club of NIT Trichy. While in the club, I worked on various project for college administration and fests. Code Character was one major events during Pragyan 2022 – ISO 20121:2012 certified Techno-managerial festival of NIT Trichy. DWoC encourages students from various colleges to participate in winter-long open-source program. As a team, we develop the platform, host projects and guide the participants to get familiar with open source.
- **Deputy Manager at Technical Council, NIT Trichy :** Sept 2021 – Present  
I am currently deputy manager at Technical Council NIT Trichy. Technical council, wing of student council, responsible for managing ideating and supervising tech related infra and initiatives at NIT Trichy. I helped in designing the 3d website for 3d-aero modelling cub of nit Trichy. TeCOS responsible for encouraging open source culture at NIT Trichy, hosted session on How to Open Source and How to GIT. Our team also conducted Inter NIT meet – Conclave X, the entire program was conducted in metaverse.
- **Executive Member at CodeChef Chapter NIT Trichy :** Jan 2021 - Present  
I am executive member at CodeChef Chapter of NIT Trichy, competitive programming community of NIT Trichy. Core member in organizing competitive programming contest and KSS (knowledge sharing session) in college for promoting the culture of competitive programming.
- **Web Developer and Content Writer, Moments:** Jan 2022 - Present  
Moments is technical symposium of department of civil engineering, NIT Trichy. Being part of webops team of Moments, we designed the website for Moments 2022. Being part of content team of Moments, I did anchoring of Moments 2022 and conducted one guest lecture .