

# Aritra Mondal

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## EDUCATION

### Kalinga Institute of Industrial Technology

June 2018 - April 2022

- **Bachelor of Technology**, Information Technology
- CGPA: **8.7/10** (Upto 6th Semester)

### Delhi Public School, Ruby Park

June 2018

- 12th: 78%, CBSE, **Computer Science**

## EXPERIENCE

### Softway, Software Engineering Intern

December 2020 - August 2021

- **Pitched** and implemented **dynamic design system** tool [Masalabook](#) which helps developers build interfaces easily and efficiently.
- Implemented **Mixpanel analytics** on products to provide various metrics like user engagement, user commitment.
- Implemented **mobile push notifications** using OneSignal for **Android** and **IOS**.
- Fixed bugs and helped import code from **JS** to **TS** on Softway SSO(Softway Single Sign-on) portal.
- **Node, React, Typescript, AWS, Azure, OneSignal, Django, SendGrid, OneSignal.**

### TestMandi, Full-Stack Developer Intern

May 2020 - July 2020

- Designed back-end architecture, **databases**, developed online compiler, code checking module, practice module, assessment management module, user authentication, and etc.
- **Deployed** and maintained the codebase on AWS.
- **Django, Heroku, AWS.**

### BizMarvel, UI/UX Designer and Back-End Developer Intern

May 2019 - May 2020

- Designed apps and web screens on assigned projects. Researched thoroughly on the app and web design and prototyped screens.
- Developed back-end systems, implemented and managed databases, and deployed **Django** apps.
- **Django, REST, Adobe XD, Figma, UI/UX**

## ARTICLES

- Effects of different filters on text extractions from videos using TESSERACT [Read on Research Gate](#)
- Deploying Django Apps on Heroku [Read on Medium](#)
- Developing Cross-platform Desktop Apps, using Electron [Read on Medium](#)

## SOCIETIES

### KIIT ACM Chairman

November 2020 - Present

- Hosting competitive programming contests and discussion sessions. **CODEX1, CODEX2**

## TECHNICAL SKILLS (EXPERIENCED IN)

- C, C++, Python, Java, JavaScript, Typescript, SQL.
- Django, NodeJS, ElectronJS, React JS, Next JS.
- Git, CI/CD, AWS, Azure. UI/UX, Figma, Docker, Wireframing.

## PROJECTS

### DevStack | Django, AWS RDS, Heroku, HTML, CSS, Github Auth.

- A collaborative portal for sharing projects and ideas and getting feedback.

### Codevox | Django, AWS, ACE, HTML, CSS

- Codevox is a platform for creating, submitting, evaluating, and generating reports for **coding assignments** for students and teachers. Currently used by our university.

### Justrun.ml | Django, HTML, CSS, JS, AWS Lambda, Azure.

- Online IDE to compile and run code easier. Using **serverless lambdas** to **scale automatically** depending on the number of simultaneous submissions, reducing compile time resulting in a better user experience. With **600+ submissions** so far.
- View code: <https://github.com/aritra1999/JustRun>.

### CPIDE | Electron JS, ACE, Node JS, HTML, CSS, Heroku.

- CP-IDE is a **cross-platform** hack-able code editor built with **Electron JS** and **Ace**, with an easy workflow for faster and easier testing of solutions.
- View Code: [Bitbucket](#)
- Product Page: <https://cp-ide.herokuapp.com/>

### autoClip | python, moviePy.

- **Python** project to clip long raw videos to the desired duration using the python **moviePy** module.
- View Code: <https://github.com/aritra1999/AutoClip>

### Email OTP Auth | Django, HTML, CSS, JS, Tailwind.

- Email-Auth is an **OTP authentication** module for **Django**.
- View Code: <https://github.com/aritra1999/EmailAuth>

## ACHIEVEMENTS

- 4th place at **ICPC 2018** Asia-Gwalior Regionals.
- **5\* HackerRank**(Problem Solver).
- 7th place in DSC Garage India Hack
- **Google Hash Code** 2020, 7th in University
- **Google Hash Code** 2021 5th in University
- **Google Code Jam** 2020 world rank 6667
- One of the first 50 codebreakers in **BreakTheCode**.
- DigitalOcean **HacktoberFest** 2020, 2021 opensource contributor.

## IMPORTANT LINKS

- Leetcode: [aritra 1999](#)
- Codechef: [aritra1999](#)
- Hackerrank: [aritra19999](#)
- Portfolio Website: <https://aritra1999.github.io>