

Aritra Mondal

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EXPERIENCE

LeanIX – Software Development Engineer

April 2022 – Present Software Development Engineer

December 2021 – April 2022 – Full-Stack Engineering Intern

- Under NDA.
- Technologies used: **Angular**, **FastAPI(Python)**, **Express(Typescript)**, **Dropwizard(Java)**, **Kubernetes**, **Elasticsearch** and **Azure**.

Softway – Full-Stack Engineering Intern

December 2020 – August 2021

- Worked on Softway access (Authentication endpoint for all Softway products) using **ExpressJS** for endpoints, **Redis** for caching, and **AWS DynamoDB** for the database.
- Pitched and implemented **Dynamic Design System** tool **Masalabook** using **Django** which helps developers build interfaces quickly and efficiently.
- Implemented **Mixpanel analytics** on products to provide metrics like user engagement and commitment.

TestMandi, Full-Stack Developer Intern

May 2020 – July 2020

- Designed back-end architecture, and database schemas.
- Developed online compiler using **ACE** and **AWS Lambda functions** for better scalability, code checking module, practice module, assessment management module, user authentication, etc using **Django**.
- Deployed on **AWS** and **Heroku**.

BizMarvel, Back-End Developer Intern

May 2019 – May 2020

- Brainstormed, planned, and developed backend services using **Django** and **Express** from scratch. Paired with relational (**PostgreSQL** and **SQL**) and non-relational (**MongoDB**, **Redis**) databases. Deployed on **AWS** and **Heroku**.
- Designed frontend applications using **Figma**. Developed using **ReactJS** and **NextJS**.

ACHIEVEMENTS

- 4th place at **ICPC 2018** Asia-Gwalior Regionals.
- Winner of **Hack The League** Microsoft Track.
- 7th place in DSC Garage India Hack
- **Google Hash Code** 2020, 7th in University
- **Google Hash Code** 2021 5th in University
- One of the first 50 codebreakers in **BreakTheCode**.
- DigitalOcean **HacktoberFest** 2020, 2021 open source contributor.

EDUCATION

Kalinga Institute of Industrial Technology

June 2018 – April 2022

Bachelor of Technology, Information Technology

CGPA: **8.79**/10

TECHNICAL SKILLS (EXPERIENCED IN)

- **Languages:** C, C++, Python, Java, JavaScript, Typescript, SQL, Go.
- **Frameworks and Databases:** Django, NodeJS, ElectronJS, ReactJS, NextJS, Kubernetes, PostgreSQL, MySQL, SQLite, MongoDB, Redis and AWS DynamoDB.
- **Tools:** Github, AWS, Azure, Heroku, Figma, Docker.

PROJECTS

BetterClass *Django, WebSockets, TailwindCSS, JS, Redis*

- BetterClass is an interactive whiteboard space for real-time drawing and chats service to discuss and collaborate on topics and ideas.
- Built using **Django** and **web sockets** for real-time updates paired with **Redis** and **SQL** for faster DB calls and an overall better user experience.

DevStack *Django, AWS RDS, Heroku, HTML, CSS, Github Auth.*

- A developer's first platform for sharing projects and ideas for collaboration and feedback.
- Connected via Github. Built with **Django**, **Jinja2**, and **TailwindCSS**.
- Deployed on **Heroku** and using **AWS** for blob storage.

Codevox *Django, AWS, ACE, HTML, CSS*

- Codevox automates creating, solving, and assessing coding assignments for students and teachers.
- Built using **Django** and deployed on **AWS**.

Justrun.ml *Django, HTML, CSS, JS, AWS Lambda, Azure.*

- Online IDE.
- Built using **Django** and **AWS Lambda functions** to **scale automatically** depending on the load, reducing compile time and resulting in a better user experience. With 1000+ code submissions so far.

CPIDE *Electron JS, ACE, Node JS, HTML, CSS, Heroku.*

- CP-IDE is a **cross-platform** hackable code editor built with **Electron JS** and **Ace**.
- Easy workflow for faster and easier code testing for competitive programming contests. [Bitbucket](#)

Effects of different filters on text extractions from videos using TESSERACT

- [Read on Research Gate](#)