

Amartya Rana

5488810680 | amartya.zlatan@gmail.com | 675 Richmond St, London, ON | [linkedin.com/in/amartyarana](https://www.linkedin.com/in/amartyarana)

EDUCATION

Netaji Subhas University Of Technology | 3.4 GPA

Bachelor's in Engineering | Major: Information Technology

New Delhi, India

Graduation Date: Aug 2020

Fanshawe College | 3.65 GPA

Graduate Certificate in Business and information system architecture

London, Ontario

Graduation Date: Nov 2024

WORK EXPERIENCE

Collegedunia

Software Engineer

New Delhi

Jan 2020 - Dec 2022

- Worked with the Mailify team to optimize sending emails to all clients. Successfully transitioned the whole project to the new version where the code flow and storing of data in the database were enhanced.
- Given the full ownership of the project and after more code optimisations, achieved a 30-35% increase in daily email volume, sending approximately 2.5 million emails each day.
- Deployed the project on EC2 server by AWS from which elastic load balancing capabilities were used to successfully distribute the incoming traffic across two server and used grafana monitor the ram and storage alerts of all the servers
- Developed an API to get report of all delivery domains so that every domain can be used according to their reputation. The report also includes the total mail sent and the bounced mail with the reason of the mail being bounced.
- Integrated Mail Tracking in which the organization fetch the information about whether the user have opened the mail or not and if he clicked the link that was in the mail or not
- Integrated Mailmodo, a third-party email service, to leverage interactive templates, achieving higher email engagement
- Implemented Google Sign-In through OAuth, offering a streamlined login experience for users.

ACADEMIC PROJECTS

Travel Nova

Full Stack Developer

Fanshawe College

May 2024 - Aug 2024

- Developed a Canada-based travel blog platform, allowing users to create, view, and interact with blog posts via like, share, and comment features.

Air Writing

Full Stack Developer

NSIT

Dec 2019 - Mar 2024

- Built a gesture-based writing tool using OpenCV and Python, enabling users to write linguistic characters or words in free space through hand or finger movements.

TECHNICAL SKILLS

Programming Language and Databases : C/C++ | Python | PHP | Java | React.js | JavaScript | MongoDB | MySQL

Framework And Other tools: Laravel | Express.js | RabbitMQ | AWS (EC2, S3) | Nginx | Github/Gitlab | ElasticSearch