

# MD. HUSSAINUL ISLAM SAJIB

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## SUMMARY

- Experience with Python, Java, C#, C++
- Worked with Django, Node.js, ASP.NET, React
- Experience in AWS, Docker, and Git
- Seneca's SMILE mentor for new students

## SKILLS

- **Programming:** Python, C++, Java, JavaScript
- **Web Development:** Django, Node.js, ASP.NET MVC, React.js
- **Database:** PostgreSQL, MySQL, Oracle
- **Tools:** AWS, Docker, Git/GitHub

## PROJECTS

- **Agora Ecom:** RESTful Web Service for e-commerce built to be deployed with minimum configuration and easily replicable. This application is designed for single vendor but supports different types of products. The application is highly decoupled following the MVC pattern. Currently, the backend is currently under development. The frontend would be developed as soon as there is a MVP for backend.

- Repo: [https://github.com/HussainIslam/agora\\_ecom](https://github.com/HussainIslam/agora_ecom)
- Software Design Document: [https://github.com/HussainIslam/agora\\_ecom/wiki/Software-Design-Document-for-Agora-Ecom](https://github.com/HussainIslam/agora_ecom/wiki/Software-Design-Document-for-Agora-Ecom)

Django	Django REST Framework	Allauth	Django REST Auth
Docker	Pillow	Gunicorn	drf-yasg (Swagger)
GitHub and GIT	Draw.io		

- **CoCo:** Coding collaboration (hence, the name 'CoCo') app for new programmers where users can register and login with email, Facebook and Gmail, create programming problems, create formatted blogs, post comments on the problems and blogs, send problems/blog via email, modify user profiles, RSS news feed automatically parsed and stored and users would be emailed about it.

Technologies/packages/libraries used to build it:

- Repo: <https://github.com/HussainIslam/coco>

Django	PostgreSQL	Docker	Celery
Redis (as task manager)	Martor – Markdown Editor	TINY MCE	Allauth
Bootstrap	Django Template		

- **Realtor App:** Real estate management application for realtor agency. Features include adding new realtor to the agency, adding and modifying new listings, and selecting Realtor-of-the-month. Used Django, PostgreSQL, and Jinja to build a realtor-property management app. Live demo:

<http://167.99.112.252/>

Django	PostgreSQL	Jinja	DigitalOcean
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## EDUCATION

- **Computer Programming and Analysis** - Seneca College (May 2018 – August 2020)
  - Graduated with “High Honors” for outstanding results
  - Received President’s Honor List 5 times
- **Master of Business Administration (Finance)** – Dhaka University, Bangladesh (Jan 2011 – Dec 2013)

## RELATED EXPERIENCES

- **Peer Tutor** - Seneca College (Jan 2020 – Apr 2020 and May 2019 – Sep 2019)
  - Helped students understand difficult course concepts through one-on-one sessions
- **Quality Assurance Intern** – Q4 Inc. (Sep 2019 – Nov 2019)
  - Tested proprietary web application using Selenium, and Cucumber
  - Wrote Python scripts that automated testing of stable features

## VOLUNTEER

- Seneca SMILE Mentor - May 2019 – August 2020
- MS Excel Trainer