

# SABA RUHEE JAGIRDAR

- +1 (682) 583-8660 • Arlington, TX • Email: [sabaruheejagirdar@gmail.com](mailto:sabaruheejagirdar@gmail.com) • Portfolio: [sabaruhee.com](http://sabaruhee.com)
- LinkedIn: <https://www.linkedin.com/in/saba-ruhee-jagirdar/> • GitHub: <https://github.com/sabaruheejagirdar>

**Summary:** Masters graduate in Computer Science with 3+ year's experience in **Software Development**, passionate about solving complex problems, developing software and websites using **HTML, CSS, JavaScript, MySQL, Python**.

## Education:

[CGPA- 4.00/4.00] <b>MS in Computer Science from the University of Texas at Arlington</b>	<i>May 2023</i>
Bachelor's in Computer Science and Engineering from Visvesvaraya Technological University, India	<i>June 2016</i>

## Professional Experience:

<b>University of Texas at Arlington</b>	<i>Arlington, TX</i>
<b>Graduate Teaching Assistant</b>	<i>Jan 2022 – Present</i>

- Teaching Assistant for Computer Networks (CSE-5344), Special Topics in Networking.
- Designed assignments to demonstrate Wireshark, **Multithreading** and Socket programming.
- Conducted labs, organized and evaluated exam papers.

<b>Thomson Reuters</b>	<i>Bangalore, India</i>
<b>Software Developer (for Legal Clients)</b>	<i>May 2018 – July 2021</i>

Tech Stack: **Drupal8, HTML5, CSS3, JavaScript, PHP, Docker, Jenkins, J-Frog, Veracode, Kubernetes**

- Developed **6+ static websites, 50+ Landing Pages (LP)** and **3 dynamic websites** for clients.
- Created **reusable code snippets** that increased the development speed of Landing pages by **15%**.
- Built a User Interface (UI) for client website, the redesign helped **increase user traffic by 23%**.
- Implemented **customized login interfaces** based on user role for convenient user operation.
- Developed **RESTful API** for **dynamically loading data** from one platform to another.
- Created **custom modules** for **data migration** from legacy to redesigned applications, with **zero downtime**.
- During the redesign, cross-collaborated with the client and multiple teams to understand their pain points and **proposed redesign solutions** for enhanced user experience.
- Conducted **dynamic and static website scans** to identify security issues on a monthly/quarterly basis followed by redirection/rectification of the failed scans.

<b>DreamRunner Educational Services</b>	<i>Bangalore, India</i>
<b>Software Engineer Trainee</b>	<i>Aug 2017 – May 2018</i>

Tech Stack: **HTML, CSS, BootStrap, JavaScript, jQuery, AngularJS**

- Worked on the **front-end development** of the official Website of DreamRunner.
- Created **SWOT analysis forms** to understand user behavior.
- Developed a **text-based chat system** for user queries that reduced turnaround time by 25%.

## Skills:

- Programming Language/ Database: **Python, C, C++, MySQL, Redis, Object Oriented Programming (OOP)**
- Web Technology/ Framework: **HTML5, CSS3, JavaScript, ReactJS, Flask**
- Others: Data Structures, Algorithms, Drupal8, GitHub, CI/CD(Jenkins), ServiceNow, J-Frog, **Docker**, Microsoft **Azure**

## Academic Projects:

- **OneMart, One-stop solution for all purchases** (Deployed on UTA Cloud):  
Built an application that facilitates on-campus stores to **list their products/services** on the platform facilitating students to **purchase** from these stores. Further, it allows students to **buy or sell** used items from other students. Additional features include '**chat with agent**' to clarify queries, and networking with peers through student **clubs** and **posts**.  
Tech Stack: **HTML, CSS, JavaScript, ReactJS, PHP**
- **Share Securely** (Deployed on Azure):  
An application that allows users to **securely share posts, images and videos** in groups. Based on their privileges users can perform actions like **upload, download, update** and **delete**. Additionally, enhanced security by hashing password.  
Tech Stack: **Python (Flask), Azure, Flask-Bcrypt, HTML, CSS**
- **Arlington Art Gallery**:  
Developed a **Database application** to manage customer, artist and artwork details of an Online Art Gallery, **optimizing data retrieval** by 15%. Created a custom user interface with HTML5, CSS3 and JavaScript for easy access to information with 16k unique monthly visitors.
- **File Synchronize Management**:  
Using **multithreading** built a **client-server application** for **file synchronization** with simultaneous **socket** connections.  
Tech Stack: **Python, Socket programming, Client-Server architecture**