

SABA RUHEE JAGIRDAR

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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]MS in Computer Science from the University of Texas at Arlington

May 2023

Bachelor's in Computer Science and Engineering from Visvesvaraya Technological University, India

June 2016

Professional Experience:

University of Texas at Arlington

Arlington, TX

Graduate Teaching Assistant

Jan 2022 – Present

- 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.

Thomson Reuters

Bangalore, India

Software Developer (for Legal Clients)

May 2018 – July 2021

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.

DreamRunner Educational Services

Bangalore, India

Software Engineer Trainee

Aug 2017 – May 2018

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**