

## Md Jewele Islam

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### Professional Summary

- **7 years** of experience as **Software Engineering in Python** in different domain & industry.
- Experienced in web application development in **Python Django Framework, Vue JS, REST API Framework, CORE PHP**
- Experienced in **Relational Database Management System (RDBMS). MySQL, PostgreSQL, Oracle, MongoDB, SQLite** etc.
- **3 years** of experience in **Cyber Security, VAPT, Vulnerability Assessment, Penetration Testing**.
- Good understanding of **SDLC** and **STLC**, Black box testing, Functional testing, Integration testing and User Acceptance Testing (UAT)
- Expert in **Scrapping** for data extraction from any source using **Python**.
- Experienced on **Selenium, Automation**.
- Experienced in using Version Control Tools like **GitHub, Bitbucket, Gitlab**.
- Experienced in Back-End testing to ensure data consistency on front-end by writing and executing **SQL** queries.
- Experience on complex SQL query by joining multiple tables according business logic for data validation
- Experience on **HTML, XML, AJAX, JSON, Node JS, Vue JS, React** etc and Good familiarity with web UI Technologies.
- Extensive working knowledge in **UNIX/Linux** environment to analyze log file & to monitor process
- Strong knowledge on Web Service & Hands on experience in validating Web Services using **Postman**
- Excellent communication, problem solving skills, coordination, documentation, project planning and interpersonal skills.

### Skill Set

• <b>Engineering Tools</b>	Python Selenium WebDriver, Python Selenium Grid, Python Django, Pandas, Numpy, Matplot, BS4 etc
• <b>Methodology</b>	Waterfall, SDLC
• <b>RDBMS</b>	MySQL, Oracle, SQL Server
• <b>Operating Systems</b>	Windows, MAC OS, Linux
• <b>Languages</b>	Python, PHP, JavaScript, SQL, Oracle
• <b>Version Control</b>	Git, Bitbucket, Gitlab

• <b>Cloud</b>	AWS, Azure, GCP, DigitalOcan
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## Professional Experience

### Arena Web Security Dhaka, BD

August

2016–Present

Software Engineer, DevOps and Cyber Security Specialist

#### Responsibilities:

- Solving a problem with a software development mindset
- Develops automation using Shell scripting, Python, Linux, Windows, Docker, Chef and other DevOps utilities. Development in HashiCorp toolset (Vagrant, Vault) is a plus
- Works on creating and implementing application monitoring, and logging strategies using tools like New Relic, Splunk, OpsGenie and Cloud tools like AWS monitoring suite
- Works on troubleshooting application integration issues with Dev, QA and, or other DevOps teams
- Understand best practices for code promotion across the various environments. (builds, approvals, release) - strong SDLC background in Agile/Iterative practices
- Ensure that code quality tools are run on all software prior to release
- Bachelor's degree in Computer Science or related discipline
- Should have at least 3-4 years of hands-on experience supporting large, complex and multi-team development environments
- Hands on experience with administering Linux and Windows systems
- Scripting experience with Shell, Python, Ruby, Chef, BASH, etc
- Experience with AWS services such as EC2, VPC, RDS, ELB, CloudWatch, CloudFront, Route53, S3, Cloudformation etc
- Familiarity with NoSQL databases required and experience with Dynamo Db a plus
- Knowledge of monitoring, logging and management tools that integrate with AW
- Willingness to learn and build new tools from scratch
- Taking class in cyber security.
- Managing project and evaluate students.
- Working in **Vulnerability Assessment** and **report writing**.
- Managing Nessus and Acunetix Web Application Security Scanner.
- Working with Kali Linux and ubuntu server.
- SQL Injection and Cross Site Scraping (XSS)
- Malware detection and removing with high security.
- Software Development using Python, PHP and WordPress.
- Group discussion and Zoom meeting and problem solving.
- Capture the flag (CTF) arrange managing.
- Used **GIT** for continuous integration and distributed version control.
- Submitted the defect reports and conveyed the issues to business, engineering and management.
- Performed **Back-End** integration testing to ensure data consistency on front-end.
- Worked closely and independently with various teams including development and management.

## **Project I have Done:**

1. Learning Management System. (<https://hw.arenaclass.stream/>)
2. Website Scanner and Check compliance (<https://sitesquad.io/>)
3. Realested Web Application (<https://korantinahomes.com/>)
4. Cyberhero Competition Web application (<https://cyberherobd.com/>)
5. Facebook Marketplace Automation, Amazon Production Automation, etc.

## **Education**

### **Asian University of Bangladesh (AUB) (2019)**

BSc in Computer Science and Engineering(CSE)

### **Bangladesh Association of Software and Information Services (BASIS) (2018)**

Data Science with R

### **Arena Web Security (AWS) (2015)**

Certified Ethical Hacking (CEH)