



Abu Bakkar Siddikk

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🔍 Google Scholar: <https://scholar.google.com/citations?user=AnEIQtMAAAAJ&hl>

📘 Facebook: <https://www.facebook.com/abubakkarswe>

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ABOUT ME

Highly motivated Computer Science graduate with a strong foundation in software engineering and problem solving. Well-versed in technology and writing clean code to create systems that are reliable and user-friendly.

WORK EXPERIENCE

Software Quality Assurance (SQA) Engineer

Capital One Bank [03/01/2022 – 28/02/2023]

City: McLean, Virginia | Country: United States | Website: <http://www.capitalone.com/> | Name of unit or department: Software Development - Business or sector: Information and communication

- Develop **automated test frameworks** and suites on **API** and **Integration levels of testing** using **Python**, and **Java**.
- Perform **Automation Testing** using **Selenium IDE**, and **Cypress** and proficient in **Python**, **Java**, **JavaScript**, and **Node.js**.
- Experience in **E2E testing** using **Cypress**.
- Perform **Manual Testing** for **unit testing**, **integration testing**, **System testing**, and **regression testing**.
- **Debugging** and **troubleshooting code** and Identifying **Defects**, **Errors**, and **bug tracking**.
- Follow and contribute to **Agile/SCRUM** activities (e.g. daily stand-ups, retrospectives, iteration planning, estimating/reporting, acceptance criteria definition, etc.).
- Working with **developers**, **business analysts**, and other **QA Engineers**.

Junior Software Engineer

Automation Service Limited-ASL [02/03/2022 – 01/12/2023]

Address: HOUSE #17, ROAD #128 CASABELLA, GULSHAN-1,, 1212 Dhaka (Bangladesh) | Website: <https://automationservicesbd.com/> | Name of unit or department: Software Development - Business or sector: Information and communication

- Writing and **testing code**, **debugging programs**, and **integrating applications** with third-party web services.
- **Design** and implement low-latency, **high-availability applications**.
- Working on **ERP** using **Java Spring Boot**.
- Write a highly scalable **Script using Python**, and **JavaScript** for an **automated** task and Testing.
- Work with **front-end using AngularJS**
- Create a Report for ERP using **Birt and Jasper Report** Tools.
- Writing Clean **SQL queries for ERP report** creation and development purposes.
- Work with **API creation** and integration on **Front-end development**.

Junior Researcher

nFuture Research Lab [22/02/2020 – Current]

Address: 102/1, Sukrabad Mirpur Rd, 1209 Dhaka (Bangladesh) | Website: <https://nfuture.org/> | Name of unit or department: Research And R&D - Business or sector: Professional, scientific and technical activities

- Desk-based research includes **Data collecting** and information synthesis from appropriate sources.
- **Data collection** and calculation with **EDA Perform on Datasets**.
- Going to **interpret research specifications** and create a work plan that meets specifications.
- Design and Developed **Research Methodology**.
- Perform on big amount of **Data for analysis** to find out the main goal and take fast decisions.

EDUCATION AND TRAINING

B.Sc. in Software Engineering

Daffodil International University [01/01/2017 – 01/03/2021]

Address: 102/1, Sukrabad Mirpur Rd, 1209 Dhaka (Bangladesh) | **Website:** <https://daffodilvarsity.edu.bd/> | **Field(s) of study:** Faculty of Science and Information Technology | **Final grade:** 3.99 out of 4.00 | **Number of credits:** 139 | **Thesis:** FakeTouch: Machine Learning Based Framework for Detecting Fake News

DIGITAL SKILLS

Python / Java / Django / Spring Boot / UnitTest / Pytest / Cypress (end-to-end testing) / Scripting with Python / Testing tools: Browserstack / Experience in Testing using Cypress / Selenium WebDriver, Selenium IDE / Jenkins, GitHub Actions / Automation Testing, Functional Testing, Integration Testing, Regression testing, Negative testing / Data Science | Data Collection, Data Processing, Data Analysis, Data Visualization / Experience with Python libraries Numpy Pandas Plotly Scikit-learn BeautifulSoup / Machine Learning / Javascript, jQuery, Angular / Jira / JSON / GitHub / Bitbucket / web Scraping / Oracle (SQL) / Postman / Tailwind CSS / Object-Oriented Programming

PUBLICATIONS

[2022]

[FakeTouch: Machine Learning Based Framework for Detecting Fake News](#)

[2021]

[Revisiting the Approaches, Datasets and Evaluation Parameters to Detect Android Malware: A Comparative Study from State-of-Art](#)

[2022]

[Depression detection from social media using Twitter's tweets](#)

[2021]

[AntiPhishTuner: Multi-Level Approaches Focusing on Optimization by Parameters Tuning in Phishing URLs Detection](#)

PROJECTS

[26/01/2022 – 04/02/2022]

American Capital One Bank Data Science Project Testing-QA

[05/01/2021 – 13/11/2022]

ERP Solution for Khanas Restaurants

[15/10/2022 – 07/08/2023]

Script Writing Project

Feel free to visit my GitHub account <https://github.com/AbuBakkar32>

REFERENCES

Here are two reference's for further information to know about me

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