

# Aarga Sonter Samuel

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## Summary

- Innovative software engineer with 6 years of experience in developing and maintaining mobile apps, PC, and web, software for IOT projects. Skilled in researching, Designing and implementing smart solutions that increase energy efficiency and user satisfaction. Achieved a 94% customer satisfaction rate and reduced software bugs by 50% in the last year. Proficient in Python, Java, JavaScript, Swift, C#, HTML & CSS

## Personal Info

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**email: [Samuel.aarga@gmail.com](mailto:Samuel.aarga@gmail.com)**

**Nationality: Nigerian**

**Years of Experience: 6**

**Age: 26**

**LinkedIn: <https://www.linkedin.com/in/aarga-sonter/>**

## Skills

- MySQL/MongoDB
- Python/JAVA/Kotlin/Ruby/Dart
- Best Practices and Standards
- PysimpleGUI, Pyside6
- SQL
- Networking Protocol
- Compatibility Testing
- Advanced-Computer Programming
- API testing
- API Design
- Docker/Kubernetes
- UI/UX
- HTML, CSS, JavaScript/TypeScript
- CI/CD
- Windows/Linux/Mac OS
- Web-Based Software Engineering
- C, C#, C++
- GitHub/GIT servers
- Visual-Studio/Android Studio/Flutter/Xcode
- Jira/Monday/Asana

## Education & Certifications

- Bachelor of Computer Science & Technology, Shenyang University of Chemical Technology. GPA 3.4/7 [2013-2017]
- Google certification in Software Design patterns
- Android Certified Developer

## Professional Experience

**Syrca Technologies LTD, Shenzhen**

**Full stack & Mobile Software Engineer**

**2022 – Till Date**

- Worked with a team that used the following Web development tools (HTML5, HTMX, CSS & JavaScript jQuery, Ajax, ReactJS, Vite, Vue, SQL, Redis, and RabbitMQ for maintaining and developing various customer requirements & changes.
- Using Python (Pyside 6, PysimpleGUI) I developed the company's standard standalone IOT products
- Individually used HTML, CSS & Javascript(jQuery) to customize Thingsboard Dashboard Controls for customer requirements
- We used the following Mobile Application platforms (Android Studio (Java, Kotlin), Xcode & Flutter) to develop IOT smart lighting apps with Bluetooth mesh technology
- Used Serverless cloud hosting platforms like Firebase, Amazon Lambda, Appwrite, and Alibaba Cloud for numerous projects and scalability testing.
- Built APIs to save time in developing company software with similar database structure

- Create APIs for IOT Software database storage
- We Maintained & developed full IOT Smart Lightning solutions software for customers and descriptors such as Singapore-Yumetronics, Softbank, Transcen etc
- IOT gateway customisation and Instalment for clients
- Developed personalized PC software for Crestron – Lutron communication.
- Excellent knowledge of TCP / IP systems and computer systems
- Worked among the team that developed interface software to control all the third-party devices using Crestron/Extron Configuration Software (based on C, C++ & Python) for audio-visual control Systems.
- We developed and maintained a standalone Provisioning and Commissioning Mobile Apps using Bluetooth mesh technology
- Designing & programming wireless Video & audio streaming solution (ex: - RTSP protocol)
- Did maintenance of existing company standard software.
- Single-handedly managed HAT (Harbor Acceptance Test) with the client for whole Yacht delivery.
- Designing customised automation solutions.
- Created/updated the user manual for the developed systems/products.

**Avature Co, Shenzhen China/Argentina**  
**Front-End Software Engineer**

**Jul 2018 – Nov 2022**

- I led daily meetings and weekly discussions to brainstorm ideas in software development and tracked team progress.
- I did documentation of my projects and helped to ensure that my team achieved their key OKRs and KPIs within a specified period.
- I led the company's "Informatisation and Digitisation" project which sought to automate the works of the company's service department, reduce the workload, cost and time as well as increase productivity.
- My Team Developed and maintained an AI system (Skynet) using Yolov5, Resnet50, MongoDB, MySQL, Docker, RabbitMQ, Milvus, Python and Golang. This automatically analyses product images periodically and detects infringing goods on e-commerce platforms in China
- I developed a desktop app to automate bulk messaging for price control in e-commerce platforms. Tools - SQL, Python, Pyautogui, Pyside6, and OpenCV. Reduced work time from 6 hours to 10 minutes for approximately 800 messages
- My team developed an app to automate data collection and processing from e-commerce stores in China. Tools - Wireshark and Charles for network analysis, Pyautogui, pyqt6, Openpyxl, and a mobile phone emulator
- We used Python BeautifulSoup and Selenium for web crawling to identify and process infringing information online on an outsourced website project

**BMW Group Shenyang, China**  
**Intern**

**Mar 2017 – Nov 2017**

- Dashboard UI Design for Auto Mobiles
- Creating UI Icons for Auto Mobiles Dashboards

**Awards**

- 2022 Syrc Technologies LTD Software engineer of the year
- 2022 Africa-China Tech Guru Award
- 2016 Shenyang University of Technology basketball player of the year
- Shenyang university of Technology Honour for Foreign student excellence

**Personal Interests**

**Interests:** Hiking, Playing Ultimate Frisbee, Algorithm research and Music

