

Samuel Muabia Planet

Software Engineer | Full-Stack & Mobile Automation Specialist

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Date of Birth: 10 July 2001

Place of Birth: Dhaka, Bangladesh

Nationality: Bangladeshi

Residence Permit: Student Visa (Master's Program)

PROFESSIONAL PROFILE

I am a results-driven Software Engineer with over 2.5 years of professional experience in full-stack development, backend optimization, and mobile automation, currently pursuing a Master's degree in Computer Science in Germany. Skilled in PHP/Laravel, JavaScript frameworks, and modern frontend technologies, I have a proven track record of building scalable systems and custom solutions for global clients. I am now eager to broaden my expertise in C#, .NET, and TypeScript/Vue.js within a collaborative and innovative environment. With strong problem-solving skills, a passion for learning, and hands-on experience in agile development and cloud infrastructure, I am excited to contribute to practical software projects that make a real impact.

WORK EXPERIENCE

Software Engineer | July 2024 – September 2025

Brain Station 23 PLC, Dhaka, Bangladesh

- Mobile Automation:** Designed and led the architecture for a mobile automation framework using Appium, Mocha, and WebdriverIO for the myBL mobile app, significantly improving test efficiency and reliability
- Backend Optimization:** Led the migration of Redis integration from Predis to PhpRedis for MyGP App (serving millions of users in Bangladesh), enhancing performance and compatibility
- Performance Testing:** Conducted comprehensive performance testing using Apache JMeter, optimizing server load and response times for improved user experience
- System Upgrades:** Successfully upgraded MyGP backend PHP version and Redis infrastructure, ensuring smoother performance and system stability
- Code Quality:** Maintained high development standards through code reviews, debugging, and comprehensive documentation, supporting team delivery of production-ready software

Associate Software Engineer | July 2023 – June 2024

Brain Station 23 PLC, Dhaka, Bangladesh

- WordPress Development:** Developed and maintained custom WordPress websites for international clients (Netherlands, Norway), integrating custom plugins, REST APIs, and SEO optimizations
 - Key Projects:**
 - [Alliance Française de Dhaka](#) – Built complete website with custom plugins, API integration, event calendar, and online registration system
 - [Larive International](#) (Netherlands) – Revamped corporate website from Figma designs and managed AWS server migration
 - [CMC Group Europe](#) (Netherlands) – Developed full website with custom email notification system for business workflow automation

- [Exerto](#) (Norway) – Created custom filter plugins and advanced WordPress features using WPBakery
- **Cloud Infrastructure:** Managed AWS servers (EC2, S3, CloudFront), optimizing hosting performance for reliability and scalability
- **Performance Optimization:** Ensured cross-browser compatibility and implemented advanced caching techniques for improved page load speeds

Software Engineer Trainee | March 2023 – June 2023

Brain Station 23 PLC, Dhaka, Bangladesh

- Worked on PHP, HTML, and CSS-based projects, gaining foundational front-end and back-end development experience
- Assisted in debugging, testing, and documentation of development projects
- Actively participated in structured training programs for software development best practices and agile methodologies

EDUCATION

Master of Science (M.Sc.) in Computer Science (Embedded Systems) – In Progress | Current

University of Siegen, Germany

Bachelor of Science (B.Sc.) in Computer Science and Engineering | October 2019 – October 2023

Independent University, Bangladesh (IUB), Dhaka

GPA: 3.55/4.00 | **Credits:** 143

TECHNICAL SKILLS

Programming Languages & Frameworks:

PHP (Laravel), JavaScript (React, Next.js, Node.js), Python, Golang, HTML5, CSS3

CMS & Web Development:

WordPress (Custom Plugin Development, WPBakery, Elementor), REST API Development & Integration

Automation & Testing:

Appium, WebdriverIO, Mocha, Selenium (Mobile & Web Automation), Apache JMeter (Performance Testing)

Cloud & DevOps:

AWS (EC2, S3, CloudFront, RDS), Ubuntu Server Administration, Docker, CI/CD Pipelines, GitHub Actions

Databases & Backend Technologies:

MySQL, PostgreSQL, Redis, NoSQL (MongoDB, Firebase)

Tools & Methodologies:

Git/GitHub, Jira (Agile/Scrum), Slack, Microsoft Teams, SEO Optimization, Figma, Adobe X

LANGUAGE SKILLS

English:

Level: C1 (Advanced) | Listening: C1 | Reading: C1 | Writing: B2 | Speaking: B2

Proficient in professional and technical communication

Bengali (Bangla):

Native Language

German:

Level: A1 (Beginner) | *Currently learning as part of integration in Germany*