

PHILIP OWUSU

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FULL STACK JAVA DEVELOPER

Talented software developer with over 4 years of experience developing and delivering applications through management of the full software development life cycle, using technologies such as Java, JavaScript, Angular, and Spring Boot. Able to design front-end and back-end modules with equal skill, using object-oriented techniques, Agile development practices, and strong coding standards.

Java Programming • Software Development Life Cycle • Object Oriented Programming • Design Patterns
User Interface Design • Third Party Integration • Data Structures & Collections

Languages: Java, JavaScript

Web: Thymeleaf, AJAX, jQuery, JSON, HTML5, Bootstrap, CSS3, JSP, Servlets, TypeScript, NodeJS

Web Services: REST, Microservices

Web/App Servers: Tomcat, Nginx

Frameworks: Spring (Boot, Data, Security, Quartz), JPA, Angular, React, Spring for Apache Kafka, Hibernate, Auth0 JWT, OAuth2

Databases: MySQL, PostgreSQL, MongoDB

Design Patterns: Singleton, Factory, Façade, Observer, Strategy, Template, Iteration, Command, Mediator, State, Composite

SDLC: Waterfall, Agile/Scrum, TDD

Tools: Eclipse, Spring Tool Suite, Visual Studio Code, GitHub, Postman, Maven, JUnit, StarUML, Jaspersoft Studio, Docker, IntelliJ IDEA, TortoiseSVN

Platforms: AWS

PROFESSIONAL EXPERIENCE

CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).

SUPERTECH GHANA LTD, Accra, Ghana • 2017-2019

An Information Technology company providing a wide range of software services to companies in Ghana.

Full Stack Software Developer

Made key contributions to back-end and front-end software development and implementation.

Tasks Performed:

- Produced clean, efficient code in Java, Angular, HTML5, and CSS3.
- Built user interfaces for new systems. Tested and deployed programs and systems.
- Successfully integrated software components and third-party programs, including Spring Security, Spring Kafka, Keycloak, JWT, and OAuth2.
- Conducted troubleshooting, debugging, and upgrading of existing software.

Achievements:

- Developed 2 major projects for National Health Insurance Authority and Electoral Commission.
- Introduced new framework technologies to support other teams, saving labor and cost.
- Completed and delivered complex projects within tight deadlines.

SUPERTECH GHANA, continued:

Technologies Used: *Java, Angular, HTML5, CSS3, JavaScript, Bootstrap, Spring (Boot, Security, Data JPA, Quartz), JWT, GitHub, Kafka, OAuth2, Keycloak, NodeJS, Microservices, Thymeleaf, Hibernate, JSP, JUnit, MySQL, PostgreSQL, Jaspersoft Studio, RabbitMQ, Docker, IntelliJ, Spring Tool Suite, Eclipse, Visual Studio Code, Postman, Servlets, Nginx*

ORCONS SYSTEMS, Accra, Ghana • 2016-2017

A software company providing a broad range of software services to clients.

Full Stack Software Developer

Performed back and front-end software design and implementation.

Tasks Performed:

- Wrote robust, maintainable code in Java, TypeScript, HTML5, and CSS3.
- Designed and implemented user interfaces to integrate with web services.
- Tested and troubleshooted existing software, releasing fixes and upgrades for identified bugs.
- Integrated third party software and components.

Achievements:

- Completed and deployed 2 projects for Orcons systems.
- Maintained efficiency of development process and turned in scheduled tasks on time.

Technologies Used: *Java, Angular, HTML5, CSS3, JavaScript, Bootstrap, Spring (Boot, Security, Data JPA), TypeScript, Thymeleaf, MySQL, GitHub, NodeJS, JUnit, SVN, Spring Tool Suite, IntelliJ IDEA, Navicat, Nginx, Visual Studio Code, Postman, Docker*

PURGREN VENTURES, Sunyani, Ghana • 2015-2016

An SMS company providing software services to clients in Ghana.

Full Stack Software Developer

Developed and implemented back-end and front-end components.

Tasks Performed:

- Delivered clean, scalable code. Designed UI using HTML5, CSS3, JavaScript, and Bootstrap.
- Designed and implemented databases.
- Analyzed project requirements and translated into technical documentation.
- Conducted testing, troubleshooting, debugging, and upgrading.
- Identified appropriate third party software and integrated to improve system performance.

Achievements:

- Researched and recommended new technologies for software improvements.
- Ensured timely completion of complex projects despite challenging deadlines.

Technologies Used: *Java, Angular, HTML5, CSS3, JavaScript, Spring (Boot, Data JPA, Security), Thymeleaf, MySQL, SVN, IntelliJ IDEA, Navicat, Nginx, Eclipse, Postman*

ACADEMIC PROJECTS

Library System, MIU (2019): Worked with a team of 3 to design and develop a shopping web application capable of handling book inventory, user account management, searching by ISBN, and check-in/check-out.

Technologies Used: *Java, JavaFX, MySQL, Git, Maven, Eclipse*

Course Enrollment Web Service, MIU (2020): Led a team of 5 to design and implement a RESTful web service to automate the process of enrollment for Computer Science students.

Technologies Used: *Spring (Boot, Security, Data JPA), JWT, MySQL, Git, Swagger, JUnit*

Social Network Platform, MIU (2020): Supervised a team of 5 in the planning and development of a comprehensive social networking platform which provides automated functionalities such as posting advertisements, subscribe, and unsubscribe.

Technologies Used: *NodeJS, Angular, MongoDB, Git, Mocha, JWT*

EDUCATION

Master of Science in Computer Science

(In progress via distance education; expected completion April 2022)

Maharishi International University – Fairfield, Iowa

Key Courses: *Fundamental Programming Practices; Modern Programming Practices; Algorithms; Enterprise Architecture; Advanced Software Development; Web Application Programming; Modern Web Applications*

Bachelor of Science in Computer Science (2017)

Catholic University of Ghana – Sunyani, Ghana