

PHILIP OWUSU

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FULL STACK JAVA DEVELOPER

Enthusiastic Full Stack Java Developer with 5 years of experience leading projects through all phases of software development lifecycle while implementing latest technologies. Design systems according to OOP standards as well as Java Programming principles for frontend and backend applications. Skilled in implementing technologies such as Java 8, Java EE, Spring Framework, Spring Boot, Nodejs and Angular. Experience in implementing projects with design patterns, web services and latest frameworks in Health and commercial business domains.

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, Cloud), JPA, Spring for Apache Kafka, Hibernate, JWT, OAuth2, Angular, React.

Databases: MySQL, PostgreSQL, MongoDB.

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

SDLC: Waterfall, Agile/Scrum, TDD, CI/CD

Tools: Eclipse, Spring Tool Suite, Visual Studio Code, GitHub, Postman, Maven, Ansible, JUnit, StarUML, Jasper Reports Tool, Docker, Kubernetes, IntelliJ IDEA, TortoiseSVN, Jenkins.

Platforms: AWS (Elastic Beanstalk, S3, EC2), Pivotal Cloud Foundry.

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 GROUP, Accra, Ghana • September, 2017- July, 2019

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

JAVA DEVELOPER

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

Tasks Performed:

- Produced clean, efficient code in Java 8 and Javascript (Nodejs).
- Contributed in building user interfaces using Javascript Frameworks (Angular, React, and JQuery).
- Contributed to planning CI/CD strategies together with the team.
- Successfully integrated software components and securing webservices using Spring Security Keycloak, JWT, and OAuth2.
- Conducted troubleshooting, debugging, and upgrading of existing software.
- Supported clients by documenting requirements and trainings on systems.
- Designed and developed, scalable enterprise-grade Microservices using Java, Spring Boot and Spring Cloud.

SUPERTECH GROUP CONTINUED

- Deployed RESTful webservices on cloud (PCF, EC2) using CI/CD automation tools (Jenkins, Docker, GitHub, Maven).

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.

Technologies Used: Java, Angular, React, HTML5, CSS3, JavaScript, Bootstrap, Spring (Boot, Security, Data JPA, Quartz, Cloud), Pivotal Cloud Foundry, JWT, CI/CD tools (Jenkins, GitHub, Maven, Ansible), Eureka, Kafka, OAuth2, Keycloak, Nodejs, Microservices, Thymeleaf, Hibernate, JSP, JUnit, MySQL, PostgreSQL, Jasper Reports Tool, Docker, Kubernetes, IntelliJ, Spring Tool Suite, Eclipse, Visual Studio Code, Postman, Servlets, Nginx.

ORCONS SYSTEMS, Accra, Ghana • May, 2016 - July, 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 and Javascript (Node.js).
- Designed and implemented user interfaces (Angular) to integrate with web services.
- Tested and troubleshoot existing software issues, releasing fixes and upgrades for identified bugs.
- Integrated third party software and components.
- Wrote unit, functional, regression tests for the codes.
- Supported customer objectives and ensured the business needs are met.
- Maintained and recommended new technologies into webservices.

Achievements:

- Completed and maintained 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, TDD, Docker, Jenkins, MySQL, GitHub, Nodejs, JUnit, SVN, Ansible, Spring Tool Suite, IntelliJ IDEA, Navicat, Nginx, Visual Studio Code, Postman, Jaspersoft Studio.

PURGREN, Sunyani, Ghana • May, 2014 - Feb, 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:

- Wrote clean and quality code in Java.
- Designed and implemented databases in MySQL.

PURGREN CONTINUED

- Analyzed project requirements and translated into technical documentation.
- Contributed and developed enterprise grade webservices using Spring and Spring Boot.
- 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

Catholic University of Ghana – Sunyani, Ghana