

Ekow Yamoah Mensah

Software Engineer

PERSONAL DETAILS

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PERSONAL STATEMENT

I am a highly motivated and enthusiastic individual with a passion for understanding, designing and developing complex systems. The use of cutting edge technology to develop solutions for real world problems is something that I am really passionate about. I am always keen to learn new concepts and technologies and I possess the drive to succeed at all times. I can work effectively and efficiently in a team or independently. I always aim to make a positive impact in any environment I find myself in.

WORK EXPERIENCE

Web Developer

2019-Present

Accolm Ghana

Involves writing and maintaining code for a business activity monitor (BAM) for managed file transfers. This also includes implementing new features as well as fixing any bugs that were reported by customers or during the testing phase of the software development cycle. My responsibilities include analyzing logs to find bugs reported by customers and fixing those bugs including optimizing the existing code to ensure that it is efficient and up to date with best practices.

Technologies used: Java EE, Spring Framework, MySQL, SQL Server, Oracle 11g, Javascript (VueJs)

Web Developer

2017

House Of Lights, Full-time

Involved developing an e-learning platform which allowed users to register for courses, watch tutorials on a topic for that course and take an exam after the course was completed. This also involved creating accounts for teachers in order to add, update and delete courses as well as set exams and answers. My Responsibilities included designing wireframes for web pages and developing underlying JavaScript functions for handling user interactions and the development of the backend API.

Technologies used: HTML5, CSS 3, JavaScript, PHP, MySQL, JQuery, Git, Linux

SKILLS

Teamworking: Playing in different bands for 7 years has taught me how to work with different types of individuals with different skill sets. Playing effectively and as a team required communication with the band in order to determine the direction of the music. **Written Communication:** Both degrees have provided me with the ability to document reports in a professional manner. I learnt how to document the requirements and design of a system using techniques such as use case descriptions and the Unified Modelling Language (UML).

Planning: Throughout my studies, there were times where strict planning was required in order to meet tight deadlines. I learnt effective time management and planning to ensure those deadlines were met.

Problem Solving: Working on various types of projects throughout my career has helped me develop the ability to analyse problems and come up with efficient solutions to those problems by writing efficient code. Furthermore, I have gained experience in systematically debugging code by examining log files to find solutions to challenging bugs, including coming up with strategic ways to optimize the efficiency of existing code using programming languages such as C, Java and JavaScript.

EDUCATION

Loughborough University

2018-2019

MSc. Advanced Computer Science - Distinction

Modules studied include: Advanced Programming, Robotics and Intelligent Systems, Computer Vision and Embedded Systems, Wireless Networks, Cryptography and Secure Systems, Building Secure Networks and Research Methods.

Project Title: Simultaneous Localisation and Mapping using a mobile robot and a 3D LiDAR.

Keele University

2014-2017

Keele University - First Class Honours

Modules studied include: Systems Lifecycles and Design, E-commerce, Web Technologies, Advanced Programming Practices, Advanced Database Systems and Applications, Systems Lifecycles and Design, IT Architectures, Requirements Evaluation and Professionalism.

Project Title: Campus Navigation System for Small Organisations.

INTERESTS

- I took part in a hackathon which involved building an application to take notes and post questions during a seminar or a presentation using PHP Laravel, HTML5, CSS (Bootstrap), JavaScript, MySQL and Git.
- I enjoy kart racing which requires quick decision making, concentration and a responsible attitude in order to avoid unnecessary accidents.

REFERENCES

Available upon request