AADAM **BARI**

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SOFTWARE ENGINEER - strong skills in Python and Java. Able to perform full software development life cycle activities.

EDUCATION

SEPTEMBER 2017 – JANUARY 2019

MSC IN ADVANCED SOFTWARE ENGINEERING WITH MANAGEMENT,

KINGS COLLEGE LONDON

Modules included: Software Architecture & Design, Project Management, Software Measurement & Testing, Software Engineering of Internet Applications

SEPTEMBER 2013 – MAY 2017

BSC (HONS) IN COMPUTER SCIENCE, DUBLIN INSTITUTE OF TECHNOLOGY

2nd Class Hons, Upper Division (2:1)

2007 – 2013

LEAVING CERTIFICATE, BLACKROCK COLLEGE

EXPERIENCE

MAY 2019 – PRESENT

JAVA SOFTWARE ENGINEER, AKKA TECHNOLOGIES

- Designing and development of critical applications developed in Java.
- Participating in the different phases of the development lifecycle (architecture, design, implementation, testing and validation).
- Ensuring that the design is in line with the specifications.
- Developing RESTful web services using Spring MVC
- Connecting to data sources and performing operations using Spring JPA
- Integrating Spring DAO for data access using Hibernate to fetch data from database and avoid redundant database access statements
- Using Git version control and JIRA to track problems

OCTOBER 2018 – MAY 2019

SUPPORT ENGINEER (COE_IRE S/4 HANA VALUE ASSURANCE), SAP

- Identify top issues in key account engagements
- Perform and lead overall analysis of situation at key accounts
- Deliver onsite services as functional expert for broad area of topics
- Develop trainings, specifications and documentation
- Oversee development tasks in projects and service development
- Deliver root cause analysis, provide solutions, and deliver services

JULY 2016 – AUGUST 2016
DIRECT DIALOGUE FUNDRAISER, OXFAM

- Recruiting donors door to door to support Oxfam Ireland through direct debit regular gifts.
- Informing and engaging the Irish public about the crucial work that Oxfam Ireland is carrying out.
- Representing Oxfam Ireland in a friendly, courteous and professional manner at all times, and abiding by the fundraising code of conduct and established protocols.

SKILLS & COMPETENCIES

Technical Skills

- Python
- Java
- HTML
- CSS
- Bootstrap

- JavaScript
- SQL
- Django
- MongoDB
- Android

- JSON
- Docker
- Ubuntu (Linux)
- Git
- Spring Boot

Application Experience

- Eclipse IDE
- Git Bash
- NetBeans

- Android Studio
- PyCharm
- Visual Studio Code

- Oracle SQL Developer
- PuTTY

Other

- Experience with graphic design (Adobe Photoshop)
- Basic video editing skills (Adobe Premiere Pro, After Effects)

SELECTED PROJECTS

WORLD HEALTH STATUS

Constructed Django web application incorporating data analysis and visualization techniques. Involved ETL of data in lieu of visualization. Python used for data modelling and data manipulation, JavaScript for scripting and visualization, Leaflet.js library for mapping. https://github.com/AadamBari/WorldHealthStatus.

TIMETABLE DATABASE

Constructed an Entity-Relationship diagram in lieu of implementing an SQL Database in Oracle. Used PL/SQL to run functions and procedures on database. Involved forming queries to manipulate and retrieve data. https://github.com/AadamBari/Timetable-Database.

WIKIPEDIA

Constructed a web application running on an Ubuntu server. The application was built using Django (Python web framework) and incorporated the use of JavaScript technologies. Required the use of APIs and an SQLite database. https://github.com/AadamBari/wikibias.

ROOMMATE FINDER (IN-PROGRESS)

Constructing a web application and building a RESTful API. The application is being built using Java and Spring Boot). https://github.com/AadamBari/roommate-ws-application/.