SOFTWARE ENGINEER INTERN

Can you generate well formatted resume with below contents

Jack Williams

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EDUCATION

BSC (Bachelor of Information Technology)

2020-current

Birmingham University,United Kingdom

High School:

St Johns High School

Motivated and detail-oriented Computer Science student with a passion for software development and problem-solving. Seeking a Software Engineering Internship to contribute technical expertise and grow in a collaborative, innovative environment.

#### **Technical Skills**

* **Languages:** Java, Python, C++, JavaScript, SQL
* **Cloud:**: AWS
* **Deployment:**: Kubernetes
* **Frameworks/Tools:** React, Node.js, Flask, Git, Docker
* **Databases:** MySQL, MongoDB
* **Other:** REST APIs, Agile Methodology, Unit Testing, Debugging

Code Symposium

**Participant**

2023

Worked with a team of 4 on Git to design an efficient solution for a real-world problem in a university-wide coding competition. Led the build phase, optimizing solution strategies and **boosting the algorithm's output by 29%** . Architected a scalable solution that outperformed **16 algorithms** of other participants in efficiency and robustness, securing first place in the competition.

Executed **32 JUnit tests** to validate the integrity of the created algorithm solution, achieving a 97% success rate.

Cyber Security Workshop

**Attendee**

2021

Attended a comprehensive cybersecurity workshop increasing awareness of vital digital security practices.

It help me to understand the use of Java in encryption and network security protocols.

Projects

**Library Management System** *(Java, MySQL)*

* Developed a CRUD application to manage books, members, and transactions in a library.
* Implemented search and filter functionalities using SQL queries and optimized database performance.

**Password Strength Checker** *(Python, Flask)*

* Developed a web application to evaluate password strength based on entropy and pattern analysis.
* Provided actionable recommendations to users for creating stronger passwords.
* Implemented real-time feedback as users typed passwords.

#### **Certifications**

* Google IT Support Professional Certificate
* AWS Certified Cloud Practitioner Course Completed
* Data Structures and Algorithms (Coursera)