



CENTRE for CAREER PLANNING and COUNSELLING
University of Kashmir
(AAC Accredited Grade A+)

Notice

This Centre is going to conduct a Campus Recruitment drive for “Data Engineer” and “Java Full Stack Developer” positions in collaboration with M/s Bitwise Limited. Job Descriptions for above two positions are shown as under:

1. Data Engineer

Founded in 1996, Bitwise is a leading technology solutions provider leveraging technology & innovation for 25+ years to help businesses solve complex challenges, unlock value, and maximize competitive advantage. How do we do it? We bring together the industry's finest and most experienced professionals in a diverse, inclusive, and collaborative culture, powered by innovation, continuous learning, and a shared passion for the immense potential of technology.

About the Role

We are looking for a Data Engineer who can leverage data engineering practice in cloud migration projects. An ideal candidate should have good communication skills with an ability to take ownership and inquisitiveness to learn & leverage newer services/technologies across Cloud Platforms. If you are passionate about the cloud's immense potential and have the drive for innovation, this is an ideal role for you to kickstart your career. Check out the core skill requirements below for more information!

Technical Skills (Hands-on)

- Strong understanding/hands-on knowledge of Database concepts
- Writing SQL and PLSQL queries/procedures
- Data warehousing Concepts (Dimensional modeling, Star/Snowflake schema)
- Concepts of ETL architecture (using any standard ETL tool)
- Big Data Concepts (structure/unstructured data, NOSQL)
- Programming skills (Python and Core Java)
- Ability to create data pipelines
- Ability to evaluate test scenarios require to validate the data processing
- Good understanding/Training/Certification on Cloud fundamentals (either on AWS, Azure or GCP)
- Understanding of basic Agile concepts (SCRUM/SAFE)

Why Bitwise

Bitwise provides the opportunity to make a meaningful impact alongside the industry's finest and most experienced professionals as you lead an exceptional career in a growth-driven organization. We help you be at the forefront of the emerging technology scene and gain hands-on experience in leveraging cutting-edge data analytics, cloud & digital technologies for scalable & value-driven transformations. We have a vibrant, energetic, and thriving workplace culture that ensures you have everything you need to foster a fun and rewarding career journey. Additionally, our robust employee-friendly policies help you fulfill both your individual and work goals with a strong focus on flexibility and work-life balance.

Interested students can register themselves using the Google Form Link shown below before December 22, 2022 (4:00 p.m)

<https://forms.gle/kH9qp9nmbQUb9tGL9>

For any other queries related to this Campus recruitment applicants can contact the office of Director, Centre for Career Planning and Counselling, University of Kashmir during working hours at Ph: (Landline) **0194-2272265**, Email ID: contactccpc@uok.edu.in

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Director

2. Java Fullstack Developer

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About the Role

We are looking for a Java Fullstack Developer who is familiar with Agile methodologies and can participate in the design & creation of scalable software. The ideal candidate should be able to write clean, functional code on the front & back end, and test & fix bugs or other coding issues. The candidate should have good communication skills, an excellent logical thought process, and should be able to comfortably work on Research and Proof of Concepts. If you have the ability to take ownership and are passionate about Full Stack Development, this is an ideal role for you to kickstart your career. Check out the core skill requirements below for more information!

Technical Skills

- Knowledge of multiple front-end languages and libraries (e.g. HTML/ CSS, JavaScript & DOM, XML, jQuery, AJAX & Backend Integration)
- Proficiency in fundamentals of Programming Language with basic data structures in Java 8+
- Proficiency in front-end development using the latest version of either React or Angular
- Proficiency in Object Oriented Programming in Java which includes Abstraction and Encapsulation, Inheritance and Polymorphism, Arrays, Array Lists & Linked Lists
- Good understanding of Data Structures and Algorithm which includes
 - o Algorithm Analysis + Recursion
 - o Searching and Sorting (Divide and Conquer included)
 - o Stacks & Queues
 - o Sets and Dictionaries (Hashtable, Trees and BSTs, Heaps)
 - o Greedy Algorithms
 - o Dynamic Programming
 - o Graphs & Graph Algorithms
- Good understanding of backend development which includes
 - o SQL and Relational Database Management Systems
 - o Introduction to NoSQL - MongoDB
 - o Introduction to Spring Core & Spring boot
 - o Data Access Layer & Service Layer - Hibernate/JPA
 - o Designing Applications using Microservices
 - o Introduction to REST & Controller layer
 - o AOP - Aspect Oriented Programming & Application Security
- Communication Among Microservices

Knowledge of software engineering practices which includeso SDLC and Agile Methodology

- o Object Oriented Design
- o Design principles (SOLID) and design patterns
- o JUnit and Version Control
- o Clean Code Practices
- o Test-driven development
- Understanding of the process to be followed during the development of an application, DevOps practices & principles, and understanding of cloud deployment
- Should be good in verbal communication and able to write hands-on programs during interview

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**Sd/-
Director**

No. F (CCPC/Bitwise/Recruitment Drive/KU/2022

Dated: - 14.12.2022