ROSHAN GAUTAM

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Birmingham, United Kingdom

SKILLS

Programming Languages: Java(proficient), SQL(Intermediate), Python(Intermediate), JavaScript(Basic), HTML5, CSS3

Frameworks and Libraries: Spring Boot, Hibernate, JPA, Bootstrap

Databases and ORM| MySQL, PostgreSQL

Development Tools and Platforms: IntelliJ IDEA, Eclipse, Git, REST APIs, Maven, Docker, GitHub, Maven, JUnit, Postman, Design Patterns, Agile Methodologies

SOFT SKILLS | Problem-solving, Analytical Skills, Time Management, Attention to Detail, Sound Verbal and Communication Skills, Adaptable

EXPERIENCES

Info Developers Private Limited

Backend Developer Intern   *March 2021- January 2022*

- Designed, developed, and maintained software components on backend layers using Spring Boot and PostgreSQL increasing system efficiency.
- Collaborated with the development team to deliver a seamless content management system contributing to an increase in website traffic by 20%.
- Leveraged Test-Driven Development (TDD) reducing bug resolution time by 30%.
- Assisted in designing, coding, and testing technical solutions using agile methodology leading to the successful delivery of 3 small-scale projects.
- Developed REST APIs for clients and assisted in API integration resulting in increased functionality and user ratings by 15%.

Orion Space Private Limited

Antenna Designer   February*2020- December 2020*

- Designed 3D models of antenna, RF, and electronics circuits using ANSYS HFSS, and CST Studio, simulated the design, and documented the results.
- Demonstrated strong teamwork skills with colleagues in the development team which was necessary for discussing requirements and solutions to complex problems.

PROJECTS

Employee Management

- Implemented functionalities for an administrator to facilitate managing an employee in an organization.

Medicine Management Application

- Developed a backend application using Spring Boot exposed REST API endpoints and tested endpoints using Postman.

Master's Thesis on Optimization of House Price Prediction

- Conducted preliminary data analysis optimized Machine Learning algorithms and constructed a predictive model.

EDUCATION

BIRMINGHAM CITY UNIVERSITY
MSc Computer Science|
2022- 2023 | Graduated with a 2:1 Degree.

INSTITUTE OF ENGINEERING, TRIBHUVAN UNIVERSITY
B.E, Electronics, and Communication Engineering
November 2015 – August 2019| Graduated with First Division

COURSEWORK

- Data Structures and Algorithms,
- Computer Networks,
- Software Analysis and Design,
- Database development,
- Software Development,
- Web Development,
- Artificial Intelligence,
- Research Methods and Project Management
- Individual master's Thesis

CERTIFICATIONS

- Java Core issued by Udemy.
- Java Fundamentals issued by Hacker Rank
- IELTS by the British Council *Overall* **band:8**

INTERESTS

I enjoy reading, playing guitar, singing, trekking, sports, and socializing. I have a good sense of humor and enjoy making new friends and acquaintances. I am also an active member of the Rotaract Club and have volunteered in several events for social work.

REFERENCES

- Available Upon Request