

ROSHAN GAUTAM

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West Bromwich, Birmingham

SKILLS

BACK-END DEVELOPMENT | Java, Spring Boot, Spring, Spring MVC, REST API, Thymeleaf

FRONTED DEVELOPMENT | HTML, CSS, Bootstrap, JavaScript

DATABASES | MySQL, PostgreSQL

MISCELLANEOUS | Python, Git, Version Control, Docker, GitHub, Maven, Object Oriented Design, JUnit, Postman, Design Patterns, Data Structures, and Algorithms, Agile Methodologies

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

EXPERIENCES

Info Developers Private Limited, Kathmandu Nepal

Backend Developer Intern *March 2021- January 2022*

- Worked in the team in developing high-quality code based on Java applications along with focusing on improving security, developed test plans, design, and maintainability of applications using Spring Boot applications.
- Assisted in all phases of the software development lifecycle, through design and rollout, adhering to the guidelines and mentorship from the project supervisor.
- Diagnosed codes in the project and helped the team debug and test codes.

Orion Space Private Limited, Bhaktapur, Nepal

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 test 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.

Tech: Java 8, Spring Boot, MySQL Database, Spring MVC Spring Data JPA

Medicine Management Application

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

Tech: Java 8, Spring Boot Rest, MySQL Database, Spring Data JPA

Master's Thesis on Optimization of House Price Prediction

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

Tech: Python, Machine Learning, Data Analysis, Sci-Kit Learn, Statistics,

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, playing 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