

Rasik Kayastha

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Career Objective

I hope to obtain invaluable experience in this progressive organization to further leverage my expertise in software development ultimately aspiring to innovate in high-impact projects. My goal is to continuously grow my skill set everyday with new emerging technologies, contributing to transformative projects and I am always eager to learn new things and adapt in this dynamic field.

Education

Bsc (Hons) Computing

2022-present

Islington College

London Metropolitan University

Kamal Marg, Kamalpokhari, Kathmandu

SLC (Computer Science)

2020-2022

Khwopa College

National Examinations Board

Dekocha, Bhaktapur

Projects

[DelX.ai](#) | JDBC, JSP, Servlet API, JSTL, HTTP requests/response, Java EE, Git

- **Developed AI Subscription Planner:** Designed and developed a full-stack web application to create an AI subscription planner using JDBC, JSP, CSS, Servlet API, and JSTL and eclipse IDE.
- **Implemented Authentication Filters:** Integrated authentication filters to protect protected URIs and manage access based on user sessions.
- **Performed CRUD Operations:** Executed various CRUD operations and utilized the Part interface to handle file uploads and display images.
- **Learned and Applied Web Concepts:** Gained proficiency in URL mapping, URL rewriting, and session management to enhance user experience.

[KnownForbes](#) | Java, javax.swing, java.awt

- **Built Interactive GUI:** Created a user-friendly graphical interface to display curated billionaire lists.
- **Implemented Data Structures and Algorithms:** Utilized ArrayLists, HashMaps, and algorithms like Merge Sort and Binary Search for quick and responsive data operations.
- **Leveraged MVC Design Pattern:** Employed the MVC design pattern to separate concerns, allowing for independent development of the application's Model, View, and Controller components.

[BotaniConnect](#) | Object-Oriented Analysis and UML diagrams, Figma [Prototypes](#), Scrum Sprints, SDLC

- **Delivered Comprehensive System for McGregor Botanical Training Institute:** Implemented a comprehensive system to address the needs of the McGregor Botanical Training Institute.
- **Agile Project Management:** Utilized Gantt charts and Scrum Agile methodology for an iterative and incremental approach to the software development life cycle (SDLC).
- **Created UML Diagrams:** Mapped structural UML diagrams including Use Case, Collaboration, and Sequence diagrams.
- **Prototyping and Feedback:** Designed comprehensive Figma prototypes to visualize the system interface, orchestrated teacher feedback sessions, and achieved a 30% reduction in design iteration cycles, significantly accelerating the project timeline.

[Statistical Analysis Analyzing the trends in Data Science Salaries](#) | numpy, pandas, matplotlib, OS, jupyter notebook

- **Trend Analysis:** Analyzed recent trends, salary hikes, and declines in the Data Science job field using real-world datasets.
- **Skill Development:** Gained knowledge about Data Science tools and techniques, enhancing problem-solving skills. Discovered that salaries in Data Science increased by 2.25%.

Skills

- Technical Skills
 - Programming Languages: Java, Python, JavaScript, C#, SQL(mysql)
 - Frameworks: Servlets, Requests, JSTL, JSP, Selenium, javax, Flask, Bs4, Numpy, Pandas, Matplotlib
 - Operating System: Windows and Linux
 - Applications/Software: Figma, Github, VScode, EclipseIDE, xampp
- Soft Skills:
 - Communication
 - Teamwork
 - Time Management
 - Work Ethic

Training and Certifications

- [AWS Cloud Quest: Cloud Practitioner](#)
- [Collabyte Cloud Computing Workshop](#)