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Biswas Shrestha

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Summary

I have always been an achiever, be it academics or professional life or sports or any other field in my life. I believe in success through hard work & dedication. My motto in life is to If you want something, work hard & you will achieve it; there are no shortcuts. I enjoy life to the fullest & love humor. I am a progressive thinker & respect for each person's space & values. Throughout the years, I have been admired as an excellent presenter and report writer and an enthusiastic computer science student. I am interested to develop my career through studies and partial experience-oriented jobs to benefit my practical and theoretical knowledge. I am seeking a challenging position with a progressive environment with opportunities for professional growth based on performance and accomplishments where hard work and honesty counts the most.

Skill Highlights

Deployment and Testing	Design and Development
Windows / Linux	Innovative
Complex problem solver	Service-focused
Software Development	Testing and debugging
User technical support	Project Leadership
Data Warehousing	Data Mining
Data Analysis and Visualization	Business Intelligence

Experience

Associate Software Engineer in Softech Foundations, Kathmandu
(April 2018 – November 2019)

- Worked extensively on the major project called chatbot, which included the replacement of deprecated functions and more ordinary to more precise code from python, JavaScript, SQL, CSS, etc. which were used in company's product.

- Involved in various version upgrade projects for a different client under the supervision of senior developers.

- Debug and modify software components developed in SaaS and Non-SaaS model.

- Coordinated system installations, testing, and code corrections.

- Conducted full life-cycle software development in multiple software environments.

- Optimized system performance by making initiative-taking adjustments and resolving bugs.

- Coordinated with QA testers for end-to-end unit testing and post-production testing.

- Designed automated scripts that were reusable.

- Solved the issues that appeared in different parts of the application, including the issues reported by different

clients.

- Worked on different new implementation on the product like adding a new menu, new functionality, new reporting, etc.
- Conduct quality assurance tests to discover errors and optimize usability.

Software Engineer Intern in Infography Technologies, Lalitpur
(July 2017 – March 2018)
- Created an Inventory management system using python, HTML5, CSS, JavaScript, jQuery, and MS SQL as the first project for the internship. This system was integrated into the existing product of the company after completion.
- Worked on the reporting for those inventories on MS SQL and SSRS.
- Worked on code and framework documentation and published in the company's internal wiki.
- Created technical workflows in the wiki to promote the education and training of newly hired employees.
- Worked on code refactoring and code cleansing, added the documentation in the code.
- Worked on bug fixes on the software product raised by clients.
- Worked on documentation of the product.

Education

Dalarna University — English For Academic Purpose, Falun, Sweden
(2020)
Courses: English for communication, Presentation of Skills, Document writing

Tribhuwan University — Bachelor of Science Computer Science and Information technology
 (2013 –2017)
Courses: Principle of Programming Languages, Design Pattern, Database Management System, etc.
Knowledge: Data Structure and Algorithm, software engineering, software development life cycle, object-oriented analysis and design, e-commerce, project management.
Projects:
- Students Information System (C Programming Language)
- Students Data Search Engine (HTML5, PHP, JavaScript, MySQL)
- Human Resource Management System for Overseas Services (JAVA, MySQL)
- Exam Result Management System (Python, MySQL)
- University tracking system (Python, Java, Google API)

Knowledge

Programming:
- Python
- C/C++
- Java Script
- HTML5/CSS3/XML/JSON
- Object-Oriented Programming
- ReactJS

Database Development:
- PostgreSQL
- NoSQL (MongoDB)
- MySQL
- ORACLE PL/SQL

Tools:
- Microsoft Office
- PowerBI / Tableau
- SSMS
- Sublime Text
- Visual Studio
- Notepad++
- SQL Server
- MongoDB Compass
- SQL Server Data Tools
- Pycharm
- Jupyter Notebook
- Terminal
- TortoiseSVN/ Github

Languages:
- Nepali (Native)
- English (Professional/Fluent)
- Swedish (Basic)
- Hindi (Fluent)
- Urdu (Conversational)

Projects

- Django application [Business news, Database management system]

- Flask application [Chatbot, Carpet color]

- Machine learning application [Education Explorer, Cash recognition system]