Sandesh Maharjan

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EDUCATION

University of Wolverhampton   **Wolverhampton, United Kingdom**

Bachelor of Science with Honours in Computer Science

WORK EXPERIENCE

Hitachi Energy   **Kathmandu, Nepal**
Associate Software Engineer   Aug 2022 - Present

• Collaborated with cross-functional teams to identify and resolve bugs and issues within the CTRM application, resulting in bug reduction and security fixes utilizing TSQL, PHP, JavaScript, and DHTMLX.

• Developed and executed a comprehensive plan to migrate a company website from WordPress to a custom-built core PHP platform, resulting in improved security and reduced dependency on third-party plugins. Acted as a lead developer and contributed to deployment on Azure Cloud.

• Assisted in the migration process from SVN to Git, defining workflows for seamless code repository access for a team of 50+ developers.

Hitachi Energy   **Kathmandu, Nepal**
Software Engineer Intern   Mar 2022 - Jul 2022

• Implemented encryption protocols across the CTRM application, enhancing security measures.

• Collaborated with cross-functional teams to identify and resolve bugs and issues within the CTRM application, resulting in bug reduction and security fixes utilizing TSQL, PHP, JavaScript, and DHTMLX.

• Updated components in Drupal and modified custom plugins and features.

PROJECT EXPERIENCE

Hitachi Energy   **Kathmandu, Nepal**
Energy/Commodity Trade Risk Management (E/CTRM)

• Upgraded PHP version and adjusted functions to align with security standards.

• Developed and maintained complex stored procedures for statistical analysis in TSQL.

• Resolved bugs and enhanced code readability, reusability, and security using TSQL, PHP, JavaScript

Hitachi Energy   **Kathmandu, Nepal**
TRM Website

• Led development and deployment of a custom website using core PHP, integrated with CTRM application for SAAS clients.

• Implemented PHP coding standards, custom routing, and Git workflow for code maintenance.

SKILLS

Prog. Languages	Framework	Database	Libraries
JS, Python, PHP	Next.js, Laravel, Django	MySQL, Postgres, MSSQL	Pandas, Keras, OpenCV

REFERENCES

Bidur Bajracharya	**Narendra Shrestha**	**Deepson Shrestha**
Senior Director of Engineer	Senior Software Engineer	Persona Academic Tutor
Hitachi Energy	Hitachi Energy	Herald College, Kathmandu
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