

Bibek Dhakal

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Professional summary

Software development with over five years of experience, focusing on **MVC architecture**, **LAMP stack**, and **repository design patterns**. Proficient in implementing **SDKs for Sunmi and Tactilion POS** systems, enhancing point-of-sale functionalities, and ensuring seamless integration with backend systems. Currently pursuing a Master's degree in Data Science, I'm further enhancing my skills to leverage advanced data analysis techniques.

- Skilled in database design, **REST API** implementation, code deployment, **performance optimization**, and tools such as Trello, **Jira**, **Postman**, and **Swagger**.
- Experienced in **FinTech solutions**, **Cron jobs**, **Clean Code principles**, and server management with **Nginx and Apache**.
- Knowledgeable in **Azure**, **biometric authentication** in React Native, payment gateway integration, and resolving complex performance issues.
- Demonstrated track record in developing billing systems, retail management systems, and healthcare solutions, along with effective collaboration and mentoring.

ACS Skill Assessment

- Issued By: Australian Computer Society
- Reference Number: A-417410
- Issued Date: 07-March 2024
- Description: Assessed and verified skills in software development. Successfully met the competency standards required for Developer Programmer

Skills

- Php (Laravel, Code Igniter)
- Python
- Javascript (React js, react native), JQuery, AJAX,
- Database (Mysql, Postgresql, Sqlite)
- LAMP stack
- MVC, MVT, Repository Design Pattern
- Jira, Trello, Git
- Postman, Swagger
- Agile methodologies
- Docker
- Knowledge of Azure
- RESTful APIs, Third-party APIs integrations

Work History

Software Engineer | Imark Pvt. Ltd. | Kathmandu, Nepal (Aug 2018 - Feb 2023)

- Developed and maintained billing systems, retail management systems, fintech solutions, and healthcare solutions using PHP frameworks (Laravel, CodeIgniter), react js, react native.
- Designed and implemented databases (MySQL, Postgresql) with Master-Slave concepts for scalability.
- Integrated payment APIs (Fonepay, esewa, paypal) for seamless transactions.
- Implemented SDKs for Sunmi and Tactilion POS.
- Implemented repository design patterns and wrote clean, reusable code.
- Collaborated with technical teams and stakeholders to deliver successful projects.

- Managed self-hosted GitLab implementation for version control
- Led the team of 17 people in project planning, execution, and delivery.

Associate Software Engineer | Angel Sansar IT and Management Services Pvt. Ltd. | Kathmandu, Nepal (Sep 2017 - June 2018)

- Contributed to project development by focusing on Parents, Teachers, and Marksheet modules for school management within a team environment, demonstrating expertise in the Model-View-Template (MVT) architecture.
- Utilised Heroku as a deployment platform, showcasing proficiency in cloud-based hosting solutions and ensuring seamless application deployment.

Volunteer | UN Nepal, Lalitpur, Nepal (May 2015 - Jun 2015)

- Provided support in data collection and mapping efforts during the 2015 earthquake in Nepal, aiding in the organisation and analysis of critical information for disaster response and recovery.

Education

- ***Master of Data Science*** (2023 - Present) | Charles Darwin University, Sydney, Australia
- ***Bachelor of Science in Computer Science and Information Technology*** (2013-2017) | Asian College of Higher Studies, Kathmandu, Nepal

References

- Available Upon Request