

# Bibek Karki

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## Summary

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Experienced Full Stack Developer with a strong background in developing and maintaining web applications. Proficient in multiple programming languages, including C#, PHP, VB.NET, Android with Java and Kotlin, Python, Node.js, C++, and React. Skilled in both front-end and back-end development, database management, and project management. Proven track record in delivering complex projects on time and collaborating effectively with cross-functional teams.

## Skills

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- **Back End Development:** C#, PHP, VB.NET, Python, ASP.NET, MVC, Node.js, C++, Ajax
- **Front End Development:** HTML5, CSS3, JavaScript, AngularJS, React, Bootstrap
- **Mobile Development:** Android Studio with Java and Kotlin, Xamarin C#
- **Database Management:** SQL Server, MySQL, Fire-base, MongoDB
- **Full Stack Development:** MERN (MongoDB, Express.js, React, Node.js)
- **Version Control:** Git
- **Tools & Technologies:** Windows Forms, APIs, Web Services, AWS, GitHub
- **Soft Skills:** Project Management, Problem-solving, Debugging, Collaboration

## Experience

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**Fuji Tech Nepal — C#, ASP.NET, MVC, VB.NET, Xamarin, Windows Form, Batch Processes**

**Software Engineer**, Kathmandu, Nepal — 2020 - 2023

- Developed a POS application using Xamarin and C#, enhancing point-of-sale operations efficiency by 50
- Led the development of an online exam platform using VB.NET, implementing custom exception handling and batch processing, resulting in 30
- Designed and developed survey websites with advanced data processing techniques, improving response analysis accuracy.
- Optimized database queries, creating views, and managed databases, reducing data retrieval times by 20
- Developed Windows Forms applications for administrative tools, integrating seamlessly with web services and APIs.
- Implemented advanced error handling and debugging processes, increasing system stability by 40
- Created data management forms for a large-scale medical website, integrating with web services for automated actions and enhancing user interaction by 50
- Implemented advanced search functionality on a large-scale medical website, improving data retrieval efficiency by 35
- Maintained web applications using the .NET framework, ensuring high performance and reliability.
- Coordinated with international clients and in-house teams for outsourced project management, delivering projects on time.
- Led projects involving data analysis tools and customer-facing service portals, improving user engagement by 25

**Weblink Nepal, — Php, Laravel, Node.js, Javascript**

**PHP/Laravel Developer**, Lazimpath, Kathmandu — 2018 - 2020

- Developed dynamic websites and web applications using PHP and Laravel, improving functionality by 40%.
- Collaborated with clients to gather requirements and provide technical support, improving client satisfaction by 30%.
- Implemented custom exception handling to enhance application stability, reducing downtime by 25%.
- Contributed as a key member of the team in building a Content Management System (CMS) with PHP, Laravel, and JavaScript (Node.js), increasing development efficiency by 35%.

- Assisted in creating numerous travel websites, expanding the company's portfolio, and improving market reach by 20%.

## **HalfTone Designs — Php, Laravel, Javascript**

**Intern, PHP/Laravel**, Dillibazar, Kathmandu— 2017 - 2018

- Assisted in the development of web applications using PHP and Laravel.
- Conducted testing and debugging to ensure functionality and performance.
- Participated in code reviews and contributed to improving code quality.
- Managed website content and performed regular updates to ensure current and accurate information.
- Created and maintained documentation for various projects and tasks.
- Collaborated with senior developers to learn best practices and improve technical skills.
- Assisted in database management tasks, including data entry and basic SQL queries.
- Provided technical support to team members and clients, addressing issues and implementing solutions.

## **Projects**

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- **POS Application (C# and Xamarin, ASP.NET MVC, SQL Server)**: Developed a point of sale(POS) application with features such as inventory management and sales tracking.
- **Online Exam Website (VB.NET)**: Led the development of an online exam platform, implementing custom exception handling and batch processing for result calculation.
- **Medical Website (C# and ASP.NET MVC, SQL Server)**: Helped in maintaining a large-scale medical website and regularly updated features. Developed various Windows forms for internal data management and integrated them with web services.
- **Survey Websites (Various Technologies)**: Developed survey websites using PHP, Python, and JavaScript, implementing data processing for analysis and reporting.
- **Medical Job Offering Websites (VB.NET)**: Maintained websites offering job listings for medical professionals, ensuring data integrity and system reliability.
- **Content Management System (CMS) (PHP and Laravel)**: Contributed as a key member of the team in building a CMS using PHP and Laravel, enhancing development efficiency and user experience.
- **Travel Websites (PHP and Laravel)**: Assisted in creating numerous travel websites, expanding the company's portfolio and improving market reach.
- **E-commerce App (Android using Java and Kotlin, Firebase)**: Developed an e-Commerce application for Android using Java and Kotlin, featuring product listings, user accounts, and secure payment processing with Firebase as the database.

## **Education**

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- **Bachelor of Science in Computer Science**, Tribhuvan University, Academia International College, Kathmandu, Nepal, 2019
- **Postgraduate in Web Development**, Conestoga College Brantford, Ontario, Canada (Graduated December 2024)

## **Certifications**

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- Microsoft Certified: Developing ASP.NET MVC Web Applications
- Laravel Certified Developer
- Python for Data Science Certification

## **Interests**

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Traveling, Fitness, Nutrition, Food, Self-improvement