

PUSKAR BUDHATHOKI

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.NET DEVELOPER

Diligent .NET Developer with 9 years of professional IT experience including latest 6 years of experience streamlining frontend and backend development for complex systems and applications. Proven experience contributing to all phases of software development life cycle including design, testing, debugging, and implementation. Skilled in using technologies such as .NET, C#, C++, Visual C++, MySQL, PHP, REST, and CAD API.

Frontend / Backend Development • Database Design / Administration • Troubleshooting • Testing
.NET Programming • Software Development Life Cycle • Coding • Debugging • Analysis

Languages: C#, C++

Web: HTML, CSS

Web Services: XML, SOAP, REST API

Web and Application Servers: AWS

Frameworks: .NET Framework

Databases: MySQL

Design Patterns: Template, Iterator, State, Façade, Factory Method, Abstract Factory

SDLC: Waterfall, Agile

Tools: Microsoft Visual Studio, VS Code, Eclipse, Android Studio

Platforms: Windows, Linux

PROFESSIONAL EXPERIENCE

CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).

MISUMI GROUP INC., Tokyo, Japan • 2016-2022

Manufacturing business providing CAD software services.

C# Software Developer

Implemented frontend and backend development for numerous applications while creating clean and efficient code in C#.

- Decreased design time for CAD designers 50% by creating new software system.
- Reduced task time by more than 95% by creating RPA tool.
- Delivered high-quality projects on time despite challenging deadlines.
- Tested modules and submodules and streamlined integration into existing system.
- Performed troubleshooting and debugging to upgrade existing software based on customer feedback.
- Built automated batch files and task scheduling.

Technologies Used: C#, WPF, MySQL, GIT, PHP, Amazon S3, CAD API Integration (SolidWorks / ICAD), Power Automate.

E&T NEPAL PVT. LTD., Kathmandu, Nepal • 2009-2012

Software development outsourcing company.

C# Software Developer

Contributed to frontend development of CAE software used to analyze mechanical systems.

- Analyzed customer requirements to successfully develop new software and deliver on time.
- Implemented project management, resource allocation, and risk analysis during upgrade.
- Enhanced performance 25% by converting from Visual C++ to C#.
- Improved user interface and user experience.
- Performed testing to deploy additional modules and submodules.

Technologies Used: C#, C++, Visual C++, OpenGL, PHP

continued ...

ACADEMIC PROJECTS

Library Management System, MIU (2022): Collaborated with team to design management system with features for login, adding members / books, book checkout, and book tracking. **Technologies Used:** *Java Swing.*

TweetHood Android Application Development, MIST (2012): Designed Android application as part of team to filter tweets based on geographic location. **Technologies Used:** *Android SDK, AWS RDS, Twitter API.*

EDUCATION

Master of Science in Computer Science

(In progress via distance education; expected completion Oct 2022)

Maharishi International University, Fairfield, Iowa

Key Courses: *Fundamental Programming Practices, Modern Programming Practices, Cloud Computing, Web Applications Programming, Web Application Architecture, Algorithms*

Master of Science in Computer Information Systems

Masdar Institute of Science and Technology, Abu Dhabi, United Arab Emirates

Key Courses: *Software Engineering, Distributed system Engineering, Algorithms, Multi-Agent Systems, Techniques in Artificial Intelligence, Data-Mining*

Bachelor of Engineering in Computer Engineering

Advanced College of Engineering and Management, Kathmandu, Nepal

Key Courses: *C, C++, Java, Database Management Systems, CAD, Data Structures and Algorithms, Computer Graphics, Operating Systems, Computer Networks, Software Engineering, Artificial Intelligence, Data-Mining and Warehousing*