

Pradip Puri

Senior Software Engineer

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Summary

Skilled Software Engineer with over 6 years of experience in developing user-centric web applications across *Healthcare* and *Fintech* industries. Proficient in back-end development, gathering user feedback, and optimizing application performance. Adept at working collaboratively in dynamic teams, providing comprehensive documentation, and supporting continuous improvement through the adoption of new technologies. Seeking to leverage my skills in building efficient and user-friendly applications.

Skills

Backend Development:

- **Languages:** Java, C#, Python
- **Frameworks:** Micronaut, .NET, Node.js, Express.js

Frontend Development:

- **Languages:** JavaScript, TypeScript
- **Frameworks:** React, Polymer, Bootstrap, jQuery

Databases:

- **SQL:** PostgreSQL, MS SQL, MySQL, Oracle
- **NoSQL:** Redis, CosmosDB

DevOps:

- **Tools:** Git, Docker, Swagger, Postman, Jenkins, CircleCI, GitHub Actions, Bitbucket Pipelines
- **Cloud:** AWS, Azure

Testing:

- **Unit Testing:** JUnit, Mocha, Chai, Jest, Moq, AutoFixture
- **Quality Gates:** Lighthouse, SonarQube

Other Technologies: REST/SOAP APIs, SOAP Web Services, Active Directory/LDAP, Okta, OAuth/JWT, Liquibase, Multitenancy, Microservices

Experience

[Leapfrog Technology](#) - Kathmandu, Nepal

Senior Software Engineer

15 Dec, 2020 - Present

Contributions:

1. Lead full stack development of drug discovery web app using Java and Polymer, transition to maintenance phase, and collaborate with architects for quality assurance.
2. Integrate chem bio-informatics libraries (BioJava, Chemaxon, etc.) for molecule structure identification, enhancing scientist usability.
3. Maintain JavaFx desktop app for inventory management, streamline item check-in/out via Bio MicroLab Scanners, and document architecture meticulously with Lucid and Google Drawings.

[Amnil Technologies](#) - Lalitpur, Nepal

Software Engineer

7 Jan, 2020 - 04 Dec, 2020

Contributions:

1. Migrated an existing .NET Framework application to .NET Core, integrating payment gateways like Esewa and Khalti.
2. Utilized GitScrum for issue tracking, MySQL for data operations, and implemented Jenkins for code deployment.
3. Developed a backend application for hospitality management services.
4. Designed database architecture, managed schemas, and conducted infrastructural analysis for optimal hosting and deployment.

Inficare - Kathmandu, Nepal

Intern, Associate Software Engineer

1 Dec, 2017 - 31

Oct, 2019

Contributions:

1. Developed ASP.NET remittance web applications and integrated utility payment partners for essential services in Nepal.
2. Optimized database resources using profiling tools, stored procedures, triggers, and replication.
3. Maintained frontend and backend codebases, with a focus on ASP.NET, and utilized SVN for version control.

Education

Tribhuvan University, Advanced College of Engineering And Management - Kathmandu, Nepal

Bachelor's Degree in Computer Engineering(3.0/4.0 GPA)

Oct 2013 - Sept 2017

Projects

Delphi (Jan 2021-Present)

1. A microservices-based web application suite for drug discovery, with 11 independent modules integrated for a cohesive workflow.
2. Utilized Micronaut, a lightweight and efficient framework, to enhance microservices functionality and optimize performance.
3. Contributed to the organization and optimization of the drug discovery process for scientists in the United States.

Payment Aggregator (Jan 2020 - Dec 2020)

1. Developed a centralized web application for managing multiple wallet payment services like Esewa, Prabhu Pay, and Khalti in Nepal.
2. Integrated payment options seamlessly across the company's products, providing customers with convenient payment methods.
3. Leveraged .NET Core to simplify integration with existing ASP.NET framework code.

IRemit (Dec 2017 - Oct 2019)

1. Developed a web-based application for streamlining remittance services across multiple countries, including Nepal, Japan, Malaysia, and other Asian nations.
2. Facilitated utility payments for services like internet, water, and electricity in Nepal.
3. Utilized ASP.NET and integrated legacy code across the company's products for a consistent approach to remittance services.

Awards

Nepal Engineering Association - Kathmandu, Nepal

Certified Registered Engineer

1 Mar, 2019

Certifications

Advanced Java Programming

12 Feb, 2024

(By Bethan Palmer And LinkedIn)

**Introduction to TensorFlow for Artificial Intelligence,
Machine Learning, and Deep Learning**

18 Feb, 2024

(By DeepLearning.AI)
