

Binod Khatri

Software Engineering Manager

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SUMMARY

Experienced **Software Engineering Manager** with over 10 years of expertise in leading large, multi-disciplinary teams (50+ members) to deliver high-quality software solutions. Proven ability in software development, strategic leadership, and mentoring, with a strong focus on .Net, JavaScript/TypeScript, Django Python, Selenium, and modern testing practices. Adept at managing the complete software lifecycle—from architecture and design to deployment, with hands-on experience in CI/CD, cloud deployments, and fostering a culture of continuous improvement. Known for client-centric communication, guiding career development, and ensuring high standards in code quality and security practices.

WORK EXPERIENCE

Research

May 2024

- Research on Open Source projects customization related to health Bahmni, Open Hospital, IVF Staging, OzoneHIS, HospitalRun to match the health solutions in Nepal Hospital

Technical Manager - Contractor

Seva Development | Feb 2024 - May 2024

- Led the hiring process and interviews for key positions, aligning candidates with specific job requirements.
- Strengthened team capabilities in test automation and quality assurance, focusing on scalable solutions.

Software Engineering Manager

Seva Development | Jan 2023 - Feb 2024

- Managed and mentored multiple sub-teams of software and quality engineers across time zones (LAT America), ensuring seamless collaboration and communication with clients, project managers, and engineers.

- Active Participation on meeting understanding client issues, suggesting solutions for continuous improvement and sharing feedback with Project Managers, Director of Engineering, Account Managers.
- Oversaw design, development, and testing of applications, with emphasis on testability, robustness, and high-quality code.
- Conducted code reviews, improving test coverage and automating critical test cases for enhanced quality assurance.
- Managed end-to-end cloud deployments on Azure, AWS, and DigitalOcean, ensuring robust application hosting and performance optimization.
- Guided career development for engineers, collaborating on performance appraisals, career growth, and performance improvement plans.
- Led the implementation of CI/CD pipelines using Github Actions and GCP, ensuring smooth and efficient software delivery.
- Led various client projects, including **Luxury Brand Partner**, **Carecens**, **DeliciousAI** and **Brango**, providing strategic direction on tech stack (AWS, Django, Flutter, Detox) and guiding the team through architectural and technical decisions and managing resources for the client project.
- Trained the team in **Cypress**, expanding their expertise in modern testing frameworks.

Senior Software Engineer

Seva Development for Navigator Client | USA | May 2020 - 2022

- Designed and developed critical .NET-based software solutions, ensuring performance optimization through rigorous testing.
- Led test automation initiatives using **Cypress**, enhancing testing efficiency and accuracy across multiple projects.
- Managed Nepal team, act as client communication point of contact for understanding, communicate on requirements and sharing the updates of work progress.

Seva Development for RizePoint Client | Utah, USA | May 2018 - 2020

- Directed the implementation of automated testing frameworks with **Selenium** and **Azure DevOps**.
- Developed solution on Angular and .Net
- Managed Dev and QA Engineers and established client communication points.

Senior Software Engineer

Asteroid Venture for Tsunami Inc Deployer/Exporter Project | USA/Israel | Jan 2013 - Apr 2018

- Developed software solutions using .NET, ensuring high standards of code quality for desktop based applications.
- Led the design and testing of database systems, focusing on data integrity and performance optimization.
- Made major performance improvement by 40% applying the Chain of Responsibility pattern during data extraction process of Confluence Exporter

Software Engineer

Arihant Technologies for Travel Portal Project | Jan 2010 - Apr 2013

- Led application development and system integration efforts (Global Distribution System), focusing on API testing and software development of the application
- Conducted thorough testing of web services using **SOAPUI**, ensuring system reliability and performance.

SKILLS

- **Programming Languages:** Python, C#, .NET, JavaScript, TypeScript, Django
- **Frameworks:** Django, Angular (12+), Vue, React.js, FastAPI
- **Test Automation and Testing:** Selenium, Cypress, NUnit, Postman, Playwright
- **Web Technologies:** RESTful APIs, GCP, AWS, Azure
- **DevOps/CI/CD Tools:** Azure DevOps, AWS, Jenkins, Github Actions
- **Databases:** MS SQL, MySQL, PostgreSQL
- **Tools:** JIRA, TestLink, SOAPUI, Postman, Swagger, OpenProject
- **Development Practices:** Agile, Test-Driven Development (TDD), Continuous Integration (CI/CD)
- **Containerization** - Docker, Knowledge of Kubernetes

EDUCATION

Bachelor of Engineering in Computer Science

Gandaki College of Engineering and Science | Pokhara, Nepal | 2005-2009

CERTIFICATIONS

Certified Scrum Developer | 2018

KEY ACHIEVEMENTS

- Managed cloud-based applications deployed on **AWS, Azure, GCP, and DigitalOcean**.
- Led the development and automation testing, driving processes making significant improvements in software performance and quality.
- Managed 50+ engineers, facilitated career growth of engineers, establishing clear career paths and conducting regular performance appraisals.

ADDITIONAL INFORMATION

- **Remote Work Experience:** Proven ability to manage and collaborate with distributed teams effectively.
- **Client-Focused Leadership:** Strong communication skills, ensuring client satisfaction and translating their requirements into technical solutions.
- **Team management and Collaboration :** Ability to manage and collaborate teams with continuous feedback and Improvements