

# Abdul Wasay Khan

Software Engineering Manager

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## SUMMARY

Engineering Manager with over 12 years of experience in software design, development, and integration, with a strong focus on cloud, web, and mobile development lifecycles. Proven expertise in building and leading high-performing Agile Scrum teams, driving innovation, and delivering scalable solutions. Skilled in fostering collaboration, promoting best practices, and adapting to new challenges to achieve exceptional results.

## WORK EXPERIENCE

### Element Insurance AG -Berlin

Engineering Manager

Feb 2023 - Present

- Managing a team of 8 software engineers on the development of 3 different domains
- Advocated for and implemented best practices such as event-driven architecture, ensuring scalable and maintainable solutions.
- Drove the adoption of automation pipelines for CI/CD, improving deployment frequency and reducing lead time for changes by 30%.
- Empowered the team to self-organize and operate independently by providing guidance and clarity on goals and expectations.
- Automated the user flow, reducing operational manual efforts by 25%.
- Reduced infrastructure costs by 18% through the adoption and optimization of advanced DevOps practices.
- Collaborated with product managers, Principal Engineers, and other stakeholders to define priorities and deliver business-critical solutions.
- Maintained a hands-on approach, diving into technical details when necessary to support the team in tackling challenges effectively.
- Oversaw the integration of SEPA payment transfers via Stripe, facilitating seamless and secure financial transactions for over 50,000 monthly customers.

### Techelix

Engineering Management Consultant

April 2022 - Jan 2023

- Built and scaled an engineering team of 15+ from scratch, hiring high-performing developers and DevOps specialists.
- Designed and implemented organizational structures, streamlining team workflows and reducing project delivery time by 25%.
- Established engineering best practices, including agile methodologies, and CI/CD pipelines, improving team productivity by 30%.
- Devised and enforced coding standards and documentation processes, enhancing code maintainability and reducing onboarding time for new hires by 50%.
- Partnered with stakeholders to define technical priorities and align engineering goals with business objectives.

### 10Pearls Pvt. Ltd

Principal Engineer/Engineering Lead

July 2021 - Jan 2023

- Led a team of 12 remote developers, ensuring timely delivery of high-quality solutions.
- Planned system scalability to accommodate future demands, improving capacity by 40%.
- Scaled the product from supporting thousands to millions of users, ensuring performance, reliability, and scalability.
- Maintained technical culture while managing multiple cross-functional teams.
- Ensured compliance with privacy regulations by automating data management processes.

## Staff Software Engineer

Jan 2018 - Jun 2021

- Designed and developed scalable programming systems.
- Conducted code reviews and trained junior developers.
- Researched and recommended software development tools, enhancing team efficiency.

## Senior Software Engineer

Dec 2013 - Dec 2017

- Conducted full life-cycle application development for web and mobile platforms.
- Assisted teams with R&D tasks and technical challenges

## Doozie Labs

### Software Engineer

Jan 2013 - Nov 2013

- Developed mobile and web applications, integrating software with existing systems.
- Implemented front-end graphical user interfaces to enhance user experience.

## SKILLS

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**Programming Languages:** Java, Python, Kotlin, Groovy, Node.js

**Frameworks:** Spring Boot, Flask, Hibernate

**Cloud & DevOps:** AWS, Docker, Kubernetes, Terraform

**Web Development:** React, JavaScript, Microservices

**Mobile Development:** Android, React Native

**Databases:** PostgreSQL, MongoDB, DynamoDB, Cassandra, Redis

**CI/CD Tools:** Jenkins, GithubActions, CircleCI

**Agile Tools:** Jira, Basecamp, Scrum, Kanban

**Version Control:** Git, SourceTree

## EDUCATION

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### National University of Computer and Emerging Sciences

Bachelors of Computer Science

2008 - 2012

### Certification

AWS Solutions Architect – Associate

April 2022

## PROJECTS

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### Element Insurance System

Leading the development of a B2B2X platform that empowered partners to offer white-label insurance products. Managed the technical architecture, ensured regulatory compliance, and coordinated cross-functional teams to deliver scalable and secure solutions, aligning with business goals and market needs.

Environment: Java, Spring Boot, Postgres, React, AWS, Microservices

### Energy Provider System

Built and led the development of a web-based energy solution that provided utilities to millions of underserved users. Created and scaled the engineering team from scratch, overseeing technical design, guiding development efforts, and ensuring the platform's scalability, reliability, and accessibility to meet diverse user needs.

Environment: Python, Flask, SQLAlchemy, AWS, Microservices

### Domain Management System

Led the development of a web and mobile platform with advanced features, including IP filtering and cloud DNS integration. Oversaw the technical architecture, guided the team through implementation, and ensured seamless integration with cloud services for enhanced performance and security.

Environment: Java, Groovy, Grails, Spring Boot, Redis, PostgreSQL, MongoDB

### Financing Portal

Developed a mobile application for applying and tracking long- and short-term loans

Environment: Kotlin, Android, Nodejs