Bishoy Youssef

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Summary

Seasoned Software Engineering Leader with over 10 years of experience in building large-scale cloud-based solutions in both open-source and proprietary frameworks. Skilled in leading cross-functional teams, I align engineering practices with organizational goals, foster innovation, and ensure on-time and within-budget delivery. My strategic leadership and proven track record in software development make me well-suited for guiding software engineering vision, contributing to the overall success and growth of organizations.

Skills

Leadership Skills:
-   Director level skills: Strategic Alignment, Budget Management, Agile Transformation.
-   Experienced in building, managing, and motivating distributed teams across different time zones.
-   Proficient in agile, scrum, and waterfall methodologies.
-   Excellent at resolving conflicts and promoting teamwork and innovation.
-   Experienced in hiring software engineers and managers, evaluating technical skills, and cultural fit.
-   Skilled at aligning technical decisions with business vision and strategy.

Technical Skills:
-   Comprehensive understanding of SRE concepts and practices, including SLI/SLO/SLA, Error Budget, Toil, Observability, Monitoring/Alerting, Release Engineering, and Incident Management.
-   Proven experience implementing SRE practices for cloud based applications on Azure, AWS & GCP.
-   Proficient in Infrastructure as Code (IaC) tools like Terraform, and ARM templates.
-   Proficient in GoLang, C#, and JavaScript.
-   Proficient in using database and storage solutions, including relational and NoSQL databases.

Professional Experience

Mytigate 🔗   **September 2020 – Present**

Engineering Director/CTO - full-time   **(May 2021 - Present)**
-   Implemented a technology roadmap aligned with company goals, ensuring that engineering initiatives met organizational objectives.
-   Hired and managed technology teams of 11 members, fostering a culture of open communication and continuous learning, and improved team KPIs.
-   Successfully led the transition to a fully agile development environment, boosting productivity by 20% and reducing the development cycle by 30%.

- Oversaw the budget, investing and partnering with vendors to optimize resources and costs.
- Launched numerous software upgrades to enhance system performance, functionality, and scalability, and enforced QA protocols to ensure reliability.
- Interfaced with the C-suite, and customers, providing clear explanations of our technology strategy.
- Fostered DevOps (SRE) practices to improve team productivity, reducing lead time by 50%.

Operations & IT Manager - part-time   **(Sep. 2020 - May 2021)**
- Directed IT and Operations strategy, managed cloud budget, and improved infrastructure.
- Reduced cloud spending, achieving 90%+ savings through a strategic partnership with Microsoft.
- Implemented IT security protocols to protect company data and information.
- Utilized knowledge of Docker and Azure to transform Application infrastructure.

VMware   July 2018 – May 2021

Senior Software Engineer - full-time

- Led strategic initiatives and contributed to product enhancements and scalability.
- Developed an external plugin framework for Concourse CI (OSS), resulting in increased adoptions and a 10% increase in new contributions.
- Contributed to the vision for an enterprise-grade Concourse CI as well as the open-source product.
- Worked extensively with GoLang and utilized Docker for containerization.

Rescounts 🔗   January 2020 – May 2021

Interim VP Engineering - part-time

- Directed the creation of the technology department (7 members).
- Developed a technology vision and architecture resulting in successful product launches.
- Oversaw 15+ deployments and updates of the application, demonstrating technical acumen.
- Applied strategic planning skills to craft and implement a successful technology vision.

Dell EMC   March 2016 – June 2018

Team lead and Software Engineer II, CTO Office - full-time

- Managed a team of 6+ engineers in several innovation initiatives, earning 3 company-wide awards.
- Coordinated team activities, streamlined communication with upper management
- Participated in the hiring of new engineers, growing and splitting the team to 12 members.
- Co-authored a patent on IoT edge computing (Patent No.: US 10791063 B1).

SABIS Educational Systems   Feb 2014 – March 2016

Scrum Master and Software Engineer - full-time

- Played a crucial role in forming a new team of 12+ members, showing strong team leadership skills.
- Collaborated with office & product managers to define team vision and strategy.
- Developed, tested, and documented software used for complex examination and learning systems.

Education

Bachelor of Engineering in Computer and Systems, Ain Shams University