Aviral Diwakar

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<u>Personal Website</u> (https://aviraldiwakar.com/)

Skills

- **Languages/scripts:** Java, Python, Shell, C, JavaScript

- **Framework:** Spring Boot, Hibernate, AKKA, ReactJS, Redux

- **Storage:** Redis, MongoDB, Postgres, Kafka, Elasticsearch

- **Networking protocol:** TCP, UDP, IPv4, IPv6, DNS, HTTP, TLS

- **Virtualization:** MultiPass,VMware, Vagrant, VirtualBox

- **Cloud:** AWS, Kubernetes, Docker

Certifications

- Machine Learning Specialization Coursera [in-progress]

- Leadership with AI [Indian School of Business] [June- 2024]

- Introduction to Data Science using Python [HarvardX University][January 2024]

- AWS Cloud Practitioner Essentials [February 2024]

- Structuring Machine Learning Project [Coursera, Audited] [Dec 2023]

- AI Project Management, Duke University [August-2023]

- Google Foundations of Project Management [January-2023]

- AWS Certified Solution Architect Associate [September-2019]

Professional Summary

Software Product Engineering Leader with nearly two decades of experience in Java, microservices, and cloud-native development. Familiar with Machine Learning, Python and React, with a deep understanding of modern development practices.

Recent Work Experience

Head of Engineering, Nuvama (Edelweiss) India [Feb-Aug 2024]

- Led multiple R&D engineering teams of **40+ members** resulting in **improved development cycle times** and accelerating product releases.

- **Solved complex technical challenges** and implemented cost-optimization strategies to **reduce operational costs**.

- Drove **cross-team collaborations** to deliver on strategic product goals and **increased team efficiency and output**.

- Led technical partnership via **vendor assessment.**

- Foster continuous improvement through **innovation drives** for product enhancements.

- Spearheaded **team building, up skilling and expansion efforts.**

- Enhanced **project planning and execution** methods, leading to increased team efficiency.

Technologies: Java, JavaScript, Shell, Spring Boot, Hibernate, ReactJS, Kubernetes, Postgres, Redis, Mongo, Elasticsearch, AWS

Achievements

Papers

- Published paper on Translation Verification Test Automation using Rational Functional Tester

Awards

- Most Valued Player at Radware India 2021
- Appreciation award for initiating and organizing Tech-Jam in 2017 and 2018
- Managers Choice Award, 2015
- IBM Client focus award for excellent support year 2009
- IBM Bravo award for innovation, year 2007

Education

- BE Computer Science (2002 – 2005) - Madhav Institute of Technology and Science Gwalior.

Engineering Manager and Technical Expert, Radware India [Nov 2019 – Dec 2023]

- **Built a high-performing 12-member R&D team from scratch.**
- **Led, designed and developed** multiple microservices.
- Established and enhanced development, recruitment, and QA processes.

Technologies: Java, JavaScript, Shell, Python, Golang, Spring Boot, Hibernate, ReactJS, Docker Swarm, Postgres, AWS

Previous Experiences

Member Technical at *Smarsh India [Jul 2017 – Nov 2019]*
Tech: Java, Spring Boot, Elasticsearch, SQL Server, Kafka

Tech Lead at *GTS@IBM [Jul 2016 – Apr 2017]*
Tech: Java, Spring MVC, Hibernate, Docker, IBM Bluemix cloud

Tech Lead at *ISL@IBM [Sep 2008 – Jun 2016]*
Tech: C, Java, Shell Scripting, Linux kernel module development

Developer at *ISL@IBM [Oct 2005 – Aug 2008]*
Tech: C, C++, Shell Scripting, Rational Functional Tester