
NIKHIL MAHESHWARI

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Head of Engineering

Summary

Responsible for overall technology and efficient running of engineering operations. Passionate about developing utilities that can help the Internet audience irrespective of their age and capabilities. Leading the team of experts in developing High Scalability applications based on Microservices, Kubernetes, and Cloud. Spending time in identifying the solutions for challenging engineering problems. Open for any technical discussion and can be reached via Mail or Skype or Phone.

Key Qualifications

- Technical Architecture Designing
- Cloud Platform Setup
- Microservice Development
- Analytics and Data Science
- Highly Scalable Application Development
- Performance Optimization
- Open Source Contributions
- Specialized in Business Intelligence, EdTech, and InsurTech
- Team Building
- Engineering Management
- Budget Forecasting
- Effort Estimation

Technical Exposure

Go | NodeJS | Java | JavaScript | Unity | HTML | CSS | ReactJS | AngularJS | jQuery | D3

AWS | Microsoft Azure | Google Cloud | Kubernetes | Docker

Experience

Apr 2018 - Present

Head of Engineering - Abjadiyat

Abjadiyat - an Alef Education Product (<https://abjadiyat.com/en>)

Leading the engineering teams (Frontend / Backend / Mobile (Unity) / DevOps / Data Science / QA) of Abjadiyat, an Arabic learning platform, powered by Artificial Intelligence, Machine Learning, and offers the personalized content recommendation for preschoolers.

- Hiring, training, and supervising engineering staff members
- Answer questions and resolve issues brought forth by the engineering team members
- Create detailed engineering plans, processes for engineering staff to use and abide by
- Propose and oversee budgets and timelines for engineering projects
- Check and confirm the accuracy of the work performed and the methods used by engineering staff
- Conduct various tests and quality assurance checks to verify the quality of completed projects
- Monitor and determine various staffing and training needs
- Spearhead various research and development initiatives to identify opportunities for new projects and improved processes
- Communicate and collaborate with product managers, content managers, marketing manager, education director, art director, suppliers, and contractors
- Prepare and deliver various engineering-related presentations, both internally and externally

Jul 2017 - Apr 2018

Chief Technical Architect

Roadzen Technologies

Led the engineering teams (Frontend / Backend / Mobile / DevOps / QA) in Re-Architecting and developing enterprise-scale applications at Roadzen including Road Side Assistance, Vehicle Inspection, and Trip Insurance. Built, managed and mentored the technical team.

- Formulated engineering teams for various products from scratch
- Technical authority in prospective meetings with other departments
- Evaluation of technical proposals from suppliers
- Implementation recommendations to stakeholders

- Provided Hands-on Technical leadership, in development, operation, and improvement of services
- Worked closely with the wider team to ensure high-quality code is delivered in line with the project goals and delivery cycles
- Established the Engineering best practices including (but not limited to) Clean Code, TDD, BDD, continuous integration, continuous delivery, and DevOps

Jan 2016 - Jun 2017

Senior / Lead Software Engineer

Pretlist India Private Limited

Joined as the founding engineer in the Pretlist India development center. Architected and developed Pretlist's proprietary platform for Apparel wholesale. Built, managed and mentored the technical team.

- Hired as the first engineer in Pretlist's India Office and formulated the engineering team from scratch
- Designed, Architected, Developed & Deployed a supply chain management product using Golang, React JS and Google Cloud Platform
- Re-architected the complete product from a monolithic architecture to microservices based architecture
- Single-handedly managed and ensured the scalability and Continuous integration and deployment of the microservices using Shippable, Docker, and Kubernetes

Sep 2014 - Dec 2015

Senior Software Engineer - Contractor

Google India Private Limited

Developed tools for Google's data-driven business intelligence team with Google's \$60B+ ads business. Most of the developed tools were based on data visualization used by Google's sales team.

- **Frontend** : AngularJS, JavaScript, jQuery, HTML & CSS
- **Backend** : Golang
- **Hybrid Mobile Apps** : Ionic Framework
- **Databases** : Google Cloud Datastore
- **Cloud** : Google Cloud Platform
- **Deployment** : App Engine, Kubernetes & Docker

Jul 2011 - Sep 2014

Systems Engineer

IBM India Private Limited

Worked for the ePricer project to build software for selling IBM's software and hardware products. Led IBM liquid program for ePricer independently.

- **Frontend** : AngularJS, JavaScript, jQuery, HTML & CSS
- **Backend** : Java
- **Hybrid Mobile Apps** : Ionic Framework
- **Databases** : DB2
- **Cloud** : IBM Cloud

Additional Professional Experience

Jul 2010 - Jul 2011

President, Students' Association

Delhi Technological University

- Led technical and cultural societies of Delhi Technological University
- Organized world-class conferences and met then President of India Mrs. Pratibha Patil, then chief minister Mrs. Sheila Dikshit, prestigious alumni and 'Father of the Pentium Chip' Mr. Vinod Dham, and Nobel laureate Mr. Warner Arbor
- Served as a representative for the association to the University and Government
- Maintained contact with advisers, alumni, departments, community partners, and national and international organizations
- Managed and served as a secondary signatory on the association's financial accounts
- Prepared and filed the required reports to University Officials and Educational Board

Education

2009 - 2011

Master of Technology (Information Systems) CGPA : 8.7

Workshops & Research Publications

- Organized & Participated in International Workshop on “[Intellectual Property Rights meets Information Technology](#)” in Delhi Technological University.(IPR meets IT 2011)
- [Nikhil Maheshwari](#), N S Raghava & Vishal Bhargava 2011: “[An Alternative to Accessibility for Independence](#)” in Global Science and Technology Forum: Journal on Computing (Joc) Vol 1 No.3
- [Nikhil Maheshwari](#), N S Raghava & Vishal Bhargava 2011: “[Accessibility for Independence](#)” in Annual International Conference on Web Technologies & Internet Applications in Penang, Malaysia (WebTech 2011)
- [Nikhil Maheshwari](#) & Vishal Bhargava 2011: “[An Intelligent Speech Recognition System for Education System](#)” in International Conference on Smart Technologies for Materials, Communication, Controls, Computing & Energy in Chennai, India (ICST2011)
- O. P. Verma, Vishal Bhargava, [Nikhil Maheshwari](#) & Rahul Katarya 2011: “[Use of Semantic Web in Enabling Desktop based Knowledge Management](#)” in International Conference on Network and Computer Science in Kanyakumari, India (ICNCS2011)
- [Nikhil Maheshwari](#), N S Raghava & Vishal Bhargava 2011: “[Personal Authentication System with High Acceptability and Reliability](#)” in International Conference on Interdisciplinary Research and Development in Bangkok, Thailand (INRIT2011)
- Ritu Agarwal, Vishal Bhargava, Dhiraj Dafouti, [Nikhil Maheshwari](#) 2011: “[A Fast Encrypting Algorithm](#)” in International Conference on Network Communication and Computer in New Delhi, India (ICNCC 2011)