Karthik Srinivasan

Product Engineer and Manager

Contact | karthik20522@yahoo.com
+1.416.559.6339

PERSONAL STATEMENT

A dedicated, polyglot engineer and leader with 15+ years of experience in software development specializing in large scale distributed systems, architecture and full stack application development. Passionate about building strong client relationships to maintain and develop company brand. Enjoys being part of, as well as leading, a successful team and thrives in highly challenging working environments.

WORK EXPERIENCE

Pixibo - Chief Architect/Principal Engineer

March 2016 – Present, Toronto

- Spearheaded R&D of high impact products and programs
- Built world's first Size and Fit Recommendation for Apparel, Lingerie and Footwear (Patent to be submitted)
- Architected and built scalable solutions for some of the largest online fashion retailers handling over 2+ Billion API requests/month
- Designed and implemented Highly Available, Distributed Micro Services using Akka-http and MQ processing at over 2000 messages/sec
- Handled day to day activities by working closely with internal and external stakeholders
- Oversaw recruitment and training of new Project Managers and Developers
- Provided coaching and development for on-site and offshore teams

Getty Images – Full Stack Engineer and Tech Lead

Jan 2010 – Dec 2016, NYC

- Architected and took complete ownership of Digital Asset Management system handling the entire life cycle of all assets, from ingestion to distribution
- Managed technical milestones, delivery and reduced operational costs associated with enterprise services
- Built highly scalable solutions incorporating technologies and concepts such as SOA, CQRS, Event Driven Design, Distributed Computing using Akka, Serverless and Cloud Infrastructure etc. to name a few

Travelocity - Senior Software Engineer

Aug 2007 – Jan 2010, NYC

- Envisioned, developed and took complete ownership of a 30+ million dollar shopping tool used for comparing prices between various competitors
- Coordinated with global development team and various business units to analyze clients' needs and build a self-serving platform
- Actively participated in minimizing the operation cost by increasing the site performance on both code level and architectural level

Albany International - Software Engineer

June 2006 – Aug 2007, NY

- Developed, enhanced, and maintained a 2D modeling application in VC++
- Gathered user experience feedback from internal/external customers to build better, smarter and faster UI

OVERVIEW

- Experience in all verticals of Engineering (FE, BE, Infrastructure) with a focus on R&D and Product Engineering
- Passionate Greenfield developer and a hands-on project leader with expertise in building High Availability, Event Driven, Micro services systems
- Strong in identifying needs, translating them into technical actions while bridging the gap between business owners and technology management
- A big proponent of RAD and KISS principals
- Passionate about building teams from the ground up, identifying and mentoring programmers with a view on personal growth

SKILLS

- Scala, Akka, Akka-Http, Relate DB, Slick
- C#, Dot Net Core
- NodeJS, Express, MEAN stack
- JavaScript, jQuery, CSS
- MSSQL, Aurora - MySQL, DynamoDB, Elasticsearch, MongoDB
- RabbitMQ, AWS SQS
- Apache Zookeeper, Hashicorp Consul
- Terraform, Apex, Bash, Jenkins, GIRA, Vagrant, Docker (Rancher-Kubernetes), GIT
- Trello, Notion, VersionOne
- Test Driven Development, Agile - Scrum
- AWS (SQS, RDS, EC2, Fargate, SES, SNS, Lambda, API Gateway, Kinesis, Athena), Linode (IaaS), Zeit (serverless)

OTHER

Github: karthik20522
Blog: https://karthik20522.github.io
Microsoft Certified Application Developer **- MCAD**

EDUCATION

Master of Science, Computer Science
New Jersey Institute of Technology, USA
Bachelor of Engineering, Computer Science
H.C.E, Anna University, India