

# Ashutosh Mishra

Co-Founder and Former Head of Engineering, Veda Labs

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## Summary

I am a Co-founder & former **Head of Engineering** of Veda Labs. At Veda Labs, I was involved in designing, developing and scaling their architecture to the ever growing demands of our customers. My areas of interests include **Scalable Web Architecture**, **Web Backend Engineering**, **DevOps** and Automation.

## Work experience

Software Developer Jun 2019 - Aug 2019

### EPIC SYSTEMS

Involved in development and maintenance of Chart search module.

Co-Founder & Head of Engineering Nov 2016 - May 2019

### VEDA LABS

- **Alchemist (#1 accelerator** for B2B companies) invested \$50K.
- Lead Scaling and Development of the **Web Infrastructure** within the company.
- Involved in Company's **Business Strategy** and Planning.
- Developed **RESTful and RPC micro-services** (Python Flask) with CI/CD (Drone CI) service deploying helm charts (**kubernetes**) and auto-generating SDKs & swagger documentation
- Designed and Managed development of Customer Dashboard with easily **customisable dashboards** to easily merge our existing dashboards like Camera health and Facial Recognition into a singular Analytics platform.

Consultant Apr 2017 - Apr 2018

### MOKSHA DESIGNS PRIVATE LTD.

- Lead the **design and development** of a web-app to **automatically generate photoshoots** for a garment in real time and without the need of a human model.
- Architected and Developed the Backend Infrastructure (**Python**)
- Developed frontend dashboard in Angular 4.

Software Developer Nov 2015 - May 2016

### GWYNNIE BEE

Involved in the maintenance and development of backend services of the company.

Software Development Engineer Jun 2014 - Jul 2015

### RIGHT RELEVANCE INC.

- Worked on various technologies like **Solr**, **Elasticsearch**, **Redis**, **MongoDB**, **Cleo**, **RabbitMQ** and focused mainly on improving the search experience of users.
- Owned and managed various backend services like **search APIs**, **email digest** generation, **homefeeds** generation, query **autocomplete**, etc. (**Java**)

## Education

B.Tech in Computer Engineering 2010 - 2014

### DELHI TECHNOLOGICAL UNIVERSITY

## Skills

### OVERVIEW

**Infrastructure, Solution Architecture, DevOps** and Automation, Product Management

### TECHNOLOGIES

**Kubernetes** (AWS EKS, Azure AKS), Elasticsearch, **Python Flask**, Python Eve, **MongoDB**, **Docker**, **Angular 2+**, **AWS** & prior experience in Solr, Elasticsearch, Redis, Play Framework, Lucene, **RabbitMQ**, Kafka, Cleo, **OpenCV**

### LANGUAGES

**Python**, **Java**, C, C++, Javascript, MATLAB

## Open Source

**EazyServer** (Owner)

Created a simple python web framework based on Python Flask for creating RESTful and JSON-RPC services.

## Undergrad Research

Co-authored a research paper titled '**Color Based Stereo Correspondence algorithm with Adaptive Local Support**' which was selected for presentation and conference proceedings of "The 2013 International Conference on Image Processing, Computer Vision, and Pattern Recognition" (**IPCV'13**), Las Vegas, USA. and "The 2013 IEEE Symposium Series on Computational Intelligence" (**IEEE SSCI'13**), Singapore.