

# ABHISHEK SHUKLA

## CONTACT INFO



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## PROFILE SUMMARY

Analytical and resourceful engineer with exceptional experience in designing, implementing, data modeling, prototyping new application features with end to end delivery, building web applications using technologies like Python, Flask, Sqlalchemy, Spring , JPA, Hibernate . Involvement in large scale software design and development and a high level of commitment to the advancement of industry and adherence to best practice. Possess outstanding communication, presentation, negotiation and problem-solving skills.

## EDUCATION

- ❖ **B.TECH IN COMPUTER SCIENCE ENGINEERING**  
Inderprastha Engineering College

**2008-2012**  
Ghaziabad, India

## SKILLS &

- ❖ Five years of software engineering experience, with strong analytical skills and a broad range of computer expertise.
- ❖ Delivered a wide range of functional enhancements and performance improvements to web-based applications.
- ❖ An effective leader skilled in enlisting the support of all team.
- ❖ Strong analytical, problem-solving and research skills.
- ❖ Well versed with Agile methodologies and in client interaction.
- ❖ Ability to meet tight deadlines coupled with prioritization skills, without compromising quality.
- ❖ Effective communication, organization, time-management and customer handling skills.
- ❖ Ability to work independently or collaboratively as part of a team.
- ❖ Exceptional ability to translate user needs into easy-to-understand software solutions.
- ❖ Hands-on experience working with Apache Tomcat.
- ❖ Expert level experience on .
- ❖ Hands-on experience working with Python, Flask, Java, Postgresql, Redis and MongoDB.
- ❖ Working knowledge of jQuery.
- ❖ Innovative, creative and good foresight.

## TECHNICAL

- ❖ OPERATING SYSTEM -: Linux(14.04)
- ❖ PROGRAMMING LANGUAGES -: python, Java, Javascript
- ❖ DATABASES -: Postgresql (9.5)
- ❖ FRAMEWORKS -: Flask, Spring MVC, Spring Security
- ❖ SERVERS -: Gunicorn, Apache Tomcat, Jetty
- ❖ DESIGN PATTERNS -: Observer Pattern, Factory Pattern, Singleton Pattern, Decorator Patter, Chain of Responsibility Pattern
- ❖ NoSQL DATABASE -: MongoDB, Redis 3.2
- ❖ MESSAGING QUEUES -: RabbitMQ 5.7
- ❖ AWS SERVICES -: Amazon EC2 instances, Amazon RDS, Amazon S3

## PRACTICAL EXPERIENCE

### Technical Lead

#### Quovantis Technologies Private Limited

**PRESENT**  
**New Delhi**

- ❖ Design, develop and implement robust web-applications.
- ❖ Develop technical solutions that definitely improve stability, performance and profits.
- ❖ Discern key business requirements and objectives.
- ❖ Plan, implement and develop large scale projects from conception to completion.
- ❖ Serve as a technical resource and mentor for the team of engineers.

## PROJECTS

### AirFinder

Airfinder is an Real Time Location Tracking System for monitoring and locating assets. It leverages widely available iBeacon tags and open-source Bluetooth Low Energy (BLE) technology to reduce costs and enable asset tracking in emerging industries.

AirFinder uses standard, off-the-shelf iBeacons that advertise their identity regularly. Reader picks up the iBeacon messages, then sends that information in a regular stream to a Symphony Link gateway. The gateway is AirFinder's internet connectivity conduit.

#### Team Leader

**6 months**

##### Responsibilities:

- ❖ Understanding the client requirements and took part in architectural designs of the application.
- ❖ Developed REST APIs and Web Application using Flask, SQLAlchemy and Postgresql.
- ❖ Implement stream processing of data received from tags to calculate location.
- ❖ Implemented web UI using react and flux.

### Lotus Learning

Lotus learning is a mobile app which enhances learning ability of the students. It helps parents and teachers in identifying the areas of improvements in the students by taking test and providing detail report of their performance and improvement using adaptive learning methods.

#### Senior Software Engineer

**1 years**

##### Responsibilities:

- ❖ Developed Android application.
- ❖ Developed REST APIs for the mobile applications using Jersey.
- ❖ Worked on generating reports for application using Jasper Reports.

### MOBILESTORM

MobileStorm is a SaaS based b2b communication platform for marketers and healthcare organizations which involves multi-channel communications like E-mail, SMS messages, push notifications and Appmail.

#### Software Engineer

**3 year**

##### Responsibilities:

- ❖ Wrote a SMPP (A TCP based protocol for sms) client using python for sending sms (300/sec).
- ❖ Implemented campaign bulk sending using celery.
- ❖ Worked on bug fixing, enhancements on change requests.
- ❖ Used technologies such as; Spring MVC, Flask, Celery, Postgresql, jQuery, React, Redux