

# Sudip Bhandari

Github Blog  
About Me

+91 8310074018 sudip.post@gmail.com

## Some Links

ICPC ID ACM LinkedIn Udacity Profile Github Stack Exchange Network This Resume on Github

### Education

- **Coursera** Online Platform  
*Machine Learning* *Feb 2018 - June 2018*
  - Relevant subjects: Introductory ML course taught by Andrew Ng. Language: Octave Certificate
- **Sona College of Technology** Salem Tamil-Nadu  
*BE, Computer Science and Engineering (CGPA: 9.0/10)* *August 2012 - June 2016*
  - Relevant courses: Data Structures, Algorithm Analysis and Design, Operating Systems, Computer Networks, Theory of Computation
  - Studied under full academic scholarship by Indian Embassy Nepal

### Work Experience

- **Cleartrip** JPNagar, Bangalore  
*Senior Software Engineer L4* *October 2019 - Present*
  - Oracle to Mysql migration (worked on the conversion of oracle pl-SQL to MySQL functions, schema redefinition, and optimizations)
  - Contributed to the platform team of cleartrip (core service providing in house API interfacing the main relational persistence, communication applications, application interfacing with monitoring agents like newrelic)
  - ELK/Newrelic setup, maintenance for platform applications
- **Cleartrip** JPNagar, Bangalore  
*Software Engineer L4* *May 2018 - Present*
  - Built microservices (SpringBoot, Java)
  - Worked on the core project (trip-service) which talks with DB and provides uniform API for all the inhouse products
  - Worked on Event-Driven Architecture to make the system more responsive. Tech Used: Mongo, Kafka, Oracle, MySql
  - Oracle to Mysql migration as well as DB optimizations
  - Setting up CI/CD with bitbucket pipelines
  - Monitoring microservices and setting up Newrelic (monitoring), ELK (logging) and distributed tracing
- **AxisRooms Travel Distributions Pvt Ltd** Jayanagar, Bangalore  
*Java Developer* *April 2017 - April 2018*
  - Worked on Channel Manager and API (REST,SOAP) Integration for various OTA(Open Travel Alliance) and payment gateways(Java)

- Worked on building various microservices using SpringBoot,Django to make the product more scalable and modular

#### • **Aindra Systems**

JP Nagar, Bangalore

*Assistant Product Engineer*

*June 2016 - March 2017*

- Worked on various part of product called 'Smart Attendance': Android app powered by google-vision and the Main Product API.
- Designed a product for object detection and optical character recognition. Work included solution architecting, DB Schema, API design and implementation, API integration with algorithm and a mobile app for android platform to capture images and trigger API using store and forward mechanism.
- Built plugins for a bioimageanalysis software called Icy to help researchers annotate ROI(Regions of interest) easily

#### • **Various Platforms**

Online

*Technical Writing/Blogging*

*June 2016 - Present*

- MVB (Most Valuable Blogger) at Dzone where I contribute tech articles on a regular basis. Profile Link: Dzone
- Regular Contributor in Quora: where I mostly answer questions on git, linux, java. Profile Link: Quora
- Udacity India Blogger I contribute articles related to Machine Learning Profile Link: Udacity

#### • **Ayycon Technologies**

Chennai

*Intern*

*Jan 2016 - Feb 2016*

- Worked with the integration of an open source file uploading tool called 'fineuploader' into an already existing web application. Worked mostly on PHP (LAMP stack)

## UnderGrad Projects

#### • **Recommender System**

Salem, Tamil Nadu

*Final year project*

*Jan 2016-June 2016*

- Designed and built a simple recommender system using euclidean distance based similarity measure github link
- Similarity parameter (0-100) could be controlled by the end user
- Used Java, Swings(GUI) and MySql backend

## Awards

- Mahatma Gandhi Scholarship 2011
- First Position in Open Essay writing competition -Milestone Intl College-Kathmandu Theme: Environment and Social and Development 2009
- First Position in Open Idea Contest "Watershed Restoration and Development" (Better world family International about conservation of rivers in Kathmandu Nepal)
- Indian Embassy full scholarship for BE study in India
- Excellent Academic Performance (Sona College of technology) (2015-16)
- Selected for Amritapuri regional in ACM ICPC programming contest 2013 (Team name: codrammar) and 2015. (ACM member Student)

## Skills

**Languages(Frameworks):** Java-8, Python, Spring Boot, Django, C/C++, Mysql, Oracle

**Operating Systems:** Linux (Ubuntu,Mint), Windows

**Web:** HTML5,CSS,JavaScript,Bootstrap, JSP, Ajax

**Mobile application:** Android platform

**Applications/IDE:** Pycharm,IntelliJ,Android Studio,Eclipse

**VCS:** git

**Server(DevOps):** Apache, JBOSS,Tomcat, Docker, Ansible

**Miscellaneous:** Linux Server setup and administration, Technical writing (blogging and set up)

## Interests

**Sports:** cycling, swimming, long distance marathon

**Musical:** Guitar,Harmonica,Flute

**Membership:** Student member of ACM since 2013