

# Sudip Bhandari

#JP Nagar phase 1

Bangalore KA India <https://about.me/sudip.post>

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ICPC ID ACM

LinkedIn

Udacity Profile

Github

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## Education

- **Udacity** Online Platform  
*Machine Learning Engineer Nano degree* *August 2017 - ongoing*
  - Relevant subjects: Python scikit, Machine learning fundamentals, Milestone projects, Introduction to Deep Learning via Google's Tensorflow
- **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
- **St. Xavier's College** Kathmandu Nepal  
*11th and 12th* *2009-2011*
  - Studied Physics, Chem, Bio, Maths and language (English+Nepali)
  - Studied under combined scholarship provided by Indian Embassy and the college (12th)

## Work Experience

- **AxisRooms Travel Distributions Pvt Ltd** Jayanagar, Bangalore  
*Java Developer* *April 2017 - Present*
  - Worked on Channel Manager and API Integration for various OTA (Open Travel Alliance) and payment gateways (Java)
  - REST, SOAP based Web services
  - Worked on Django framework to build an intermediate API Adapter (Python)
  - Worked on microservice architecture using SpringBoot 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' which does face recognition based on classification done by support vector machines (svm) from features extracted from Deep neural network
  - Did benchmarking of face recognition, classification and verification algorithms. Wrote multiple python and BASH scripts while doing so under the guidance of senior researchers

- Added features,debugged the existing mobile application built for android platform which captures images along with geospatial data providing an interface for the cloud based face recognition(FR) product
- Designed and built selfie based attendance application for android platform as an extension to the Face recognition System. Integrated Google Vision api for better,faster face detection and tracking.
- 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.
- Added features,debugged java APIs written for backend to mobile/web interaction written in jersey framework and deployed on JBOSS server.
- API performance evaluation in terms of server load, concurrency check using jmeter as well as resource usage monitoring in the server
- Built plugins for a bioimageanalysis software called Icy to help researchers annotate ROI(Regions of interest) easily

- **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 (<https://github.com/sudipbhandari126/recommender>)
- 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):** C/C++,Java, Python, Spring Boot, Django, PostgreSQL, MySQL, Sqlite

**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

## Interests

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

**Musical:** Guitar,Harmonica,Flute

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