

Sudip Bhandari

#Puttenhalli JP Nagar phase 6

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

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Education

- **Sona College of Technology** Salem Tamil-Nadu
BE, Computer Science and Engineering (Grades: 9.0/10) *August 2012 - June 2016*
 - Relevant courses: Data Structures, Algorithm Analysis and Design, Operating Systems, Computer Networks, Theory of Computation, Artificial Intelligence, Data mining
 - 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

- **Aindra Systems** JP Nagar, Bangalore
Assistant Product Engineer *June 2016 - present*
 - Worked on various part of product called 'smart attendance' which does image 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
 - Added features, debugged java APIs written for backend to mobile/web interaction written in jersey framework and deployed on JBOSS server. Added CORS(Cross origin resource sharing) capability to the API which brought significant improvement in the web portal performance
 - API performance evaluation in terms of server load, concurrency check using jmeter as well as resource usage monitoring in the server
 - Build plugins for a bioimageanalysis software called Icy to help researchers annotate ROI(Regions of interest) easily
 - Added features, debugged, enhancements to the web portal along with occasional interaction with customers

Ayycon Technologies

Intern

Chennai
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: C/C++,Java, Python

Operating Systems: Linux (Ubuntu,Mint), Windows

Web: HTML5,CSS,JavaScript,Bootstrap,Php

Mobile application: Android platform

Applications/IDE: Pycharm,Eclipse,Android Studio

VCS: git

Miscellaneous: Linux Server setup and administration (medium level)

Interests

Sports: cycling, swimming, long distance marathon

Musical: Guitar,Harmonica,Flute

Membership: Student member of ACM since 2013