

Sudip Bhandari

Github Blog
About Me

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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
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