Sudip Bhandari

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Github Blog
About Me

Some Links

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

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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 Strucutres, Algorithm Analysis and Design, Operating Systems,
    Computer Networks, Theory of Computation
  - Studied under full academic scholarship by Indian Embassy Nepal

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Work Experience

- **Cleartrip** — JP Nagar, Bangalore
  Senior Software Engineer L5 — *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 — JP Nagar, 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
  - Setting up CI/CD with bitbucket pipelines

- **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