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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**  <span style="float:right">Online Platform</span>
  *Machine Learning*  <span style="float:right">Feb 2018 - June 2018</span>
  - Relevant subjects: Introductory ML course taught by Andrew Ng. Language: Octave Certificate

- **Anna University**  <span style="float:right">Tamil-Nadu</span>
  *BE, Computer Science and Engineering (CGPA: 9.0/10)*  <span style="float:right">August 2012 - June 2016</span>
  - Relevant courses: Data Strucutures, 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**  <span style="float:right">JP Nagar, Bangalore</span>
  *Senior Software Engineer L5*  <span style="float:right">October 2019 - Present</span>
  - Distributed Event System (Event Bus, Kafka for internal usage) (Built using project reactor, springboot and apache kafka as the messaging system)
  - Monolith decomposition (coming up with functional boundaries and other analysis)
  - Distributed configuration management system(using spring cloud, consul)
  - 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 (async event based flow to gracefully handle huge traffic and make it fault tolerant), communication applications(email, sms, whatsapp), API gateway, application interfacing with monitoring agents like newrelic)
  - ELK/Newrelic setup, maintenance for platform applications
  - Migration of platform applications to google cloud platform

  **Cleartrip**  <span style="float:right">JP Nagar, Bangalore</span>
  *Software Engineer L4*  <span style="float:right">May 2018 - Present</span>
  - 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 Java-8/SpringBoot,Python/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)

## Skills

**Languages(Frameworks):** Java-8, Data Structures and Algorithms, Desgin Patterns, Junit(TDD), Python, Spring Boot, Django, C/C++, Mysql, Oracle, google cloud platform (hands-on)

**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)

## 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 Int'l 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)

## Interests

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

**Musical:** Guitar,Harmonica,Flute

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