Bhaskar Singhal

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EDUCATION

BITS PILANI, PILANI CAMPUS
BE(Hons.) in Computer Science
Completed May 2016 | Pilani, IN
GPA: 7.45/10.00

MSc(Hons.) in Physics
Completed May 2016 | Pilani, IN
GPA: 7.45/10.00

ST. XAVIER SEN. SEC. SCHOOL
Class XII Grad. May 2011| Jaipur, India
Score: 88.0
Class X Grad. May 2009| Jaipur, India
Score: 93.4

SKILLS

LANGUAGES/FRAMEWORK
- Java, Python, C, C++, JavaScript
- Spring, Spring Boot, Django
- SOLR, Redis, MongoDb, Neo4j, MySQL
- Microservices and RESTful Architecture
- React, Ember
- Flipkart Cloud Platform, Horizontal Scaling
- Jenkins, New Relic, SumoLogic, Jmeter
- Design Patterns

COURSEWORK

UNDERGRADUATE
Data Structures and Algorithms
Design and Analysis of Algorithms
Object Oriented Programming
Machine Learning
Computer Networks
Compilers
Operating Systems

INTERESTS
- Football
- Badminton
- Boxing
- Trekking
- Reddit

EXPERIENCE

ZENEFITS | Software Engineer (Core-HR team)
Jun 2018 – Present | Bengaluru, IN

Zenefits is a company based in the United States that offers cloud-based software as a service to companies for managing their human resources.

- Designed and implemented Variable Compensation. During the hiring of an employee or while making a Change request, variable compensation could be added as part of the compensation. This was one of the very essential needs of our clients and we used events based retro-db to store the data.
- Added functionalities to create custom reports, filter reports and run point-in-time reports in the Business Intelligence system.
- Added features like Bulk Request Documents, Bulk Upload Employees in the onboarding, hiring and change request flows.
- Gained end-to-end knowledge of the Core-HR product. Worked in a five member team from Bangalore on Django, Python, Ember and React.

MYNTRA DESIGNS | Software Engineer (Fraud Prevention Team)
Jul 2016 – Jun 2018 | Bengaluru, IN

Myntra is the leading Indian fashion e-commerce company headquartered in Bengaluru, Karnataka, India.

- Built the fraud prevention platform from ground up which is the major area to prevent revenue losses.
- Designed and implemented Cumulative COD check real time.(Micro-Service) This feature prevented cancellation of orders of customers who breached their COD limit. This was done in real time and had a significant impact on daily Revenue.
- Designed and implemented the Linked Account Platform. (Micro-Service) Linking of accounts using various parameters(device, address, phone etc) and creating a social graph of customers in real time. With the linking logic we prevented abuse from new customer.
- Implemented the following Real Time Abuse Detection techniques: (Spring Batch)
  – COD Throttling to bring down Return To Origins.
  – Return Abuser Automation to bring down Returns.
  – Account Verification(Fake email) and penalizing fraudulent customers at cart, address and payment's page.
  – Address Scoring Model to prevent customers from entering bad addresses.
- Load tested and Scaled up the system to support big sale events. Tuned JVM and tomcat parameters to optimize performance.

MYNTRA DESIGNS | Software Development Intern (Search Team)
Jun 2015 - Dec 2015 | Bengaluru, IN

- Designed and implemented the auto-suggest for Myntra from scratch. Major wins : Using a combination of Analyzer, Tokenizer, Filter and Solr plugins at index and query time specific to the needs. Added features like Synonym(multi-term) Check, Spell Correction, enhanced auto-suggest results, Phonetic matching.
- Wrote SOLR plug-ins (handlers) to support specific use cases for Myntra. Provided SOLR features to the content providing team via a micro-service. Worked closely with Search and Style team, gained knowledge of the search flow and data indexing, querying and the deployment pipeline.