

Bangalore
India

ASHISH GUPTA

B. Tech, IIT ROORKEE

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TECHNICAL SKILL SET

Courses	Data Structures, Algorithms & Design Patterns
Technologies	Core Java , J2EE, Java Streams, Spring Boot , Spring Data, JPA, Hibernate, RESTful Web Services , Web Sockets
Data-Base Technologies	Oracle, MySQL, MS SQL Server, PostgreSQL, Sybase, Cassandra (Prior Experience), Oracle 11g SQL, JDBC
Certifications	Java SE 6 Programmer Certified Professional
Search Engines	ElasticSearch, Lucene
Messaging Queues	Hazelcast, Redis
Cloud	Amazon Web Services (EC2, Elastic Beanstalk, S3)
Additional Experience	GIT, GitHub, Agile Methodologies, Jenkins, Continuous Integration

EMPLOYMENT

Senior Software Engineer	Rokitt Inc.	May 2015 – till Date
<ul style="list-style-type: none">Worked closely with business leaders in rapid prototyping, conceptualization and from scratch development of ToFrom, a travel platform which gives users the ability to search book and do online payments for flights and hotelsHandles the Flight's team in ToFrom and Integrated the system with to get the real-time Flight's data from the GDS (Global Distribution Systems) like Galileo & TBODeveloped the core payments system to be uses across all the products by using PayU APIs.Single-handedly developed Impact Analysis tool for Rokitt, which gives the organizations the ability to track the metadata changes and do analytics in their registered databases on day-to-day basis.Involved in the development of ROKITT ASTRA, which is a data discovery software tool that enables companies to discover information about its data and data relationships among multiple databases up to 90%+ accuracy through unique Machine Learning algorithms		
Senior Software Developer	MakeMyTrip	Dec 2013 – May 2015
<ul style="list-style-type: none">Designed and developed end-to-end Referral Application for MakeMyTrip which consumes RESTful services of <i>MyTripRewards</i>, an internal points system, to give the MTR points to the referrerWorked on the User-Service API's, the core module which takes care of all the user related API's like registration, login, franchise data addition, personal information, co-travelers etc.Revamped Common-Header Application which provides Single sign-on services to all the LOBs. Integrated Facebook and Google login APIs to provide user the functionality to login with social channels. User Image and MTR points display on header after successful login (FB, G+ or MMT login)Worked on the development of Facebook Data Storage Project, the idea originated during the internal Hackathon and was later developed for the POC. MMT User's Facebook data was captured, curated, storage and searched to give real time personalized suggestion to the returning user. After exhaustive comparison of all the NoSQL databases and CAP theorem, Cassandra was used for data storage.		
Software Engineer	Mphasis	June 2011 - Dec 2013
<ul style="list-style-type: none">Worked on the remediation of the Security Vulnerabilities like Phishing OWASP Checks, Cookie Vulnerabilities found in Symantec's CPLG and QG applicationsSupported Titan, an in-house application of Symantec		

EDUCATION

- Bachelor of Technology, IIT Roorkee, 2011 - CGPA: 6.75 /10
- ALL India Senior Secondary Certificate Examination, Punjab Board -72%
- All India Secondary School Examination, Punjab Board - 87%

TECHNICAL EXPERIENCE

TOFROM – Travel Platform (2015-2016)

Started as one of the first Engineers to build ToFrom, an online travel portal which provides users a seamless experience in searching, booking and making online payments for flights and hotels internationally. We started with Gradle based multi-module SpringBoot architecture and over the course of time created over 200 APIs along with integration with multiple vendors (Flight Global Distribution Systems, Galileo, TBO, PayU) and at the same time built advanced algorithms for user personalization. Also, participated in setting up the DevOps processes (Jenkins, EC2 instances, Continuous Integration, Solar, BitBucket, GIT) in the initial phase. Technologies used: Java 8, Hazelcast, Springboot, AWS, Elastic Beanstalk, Postgres

ROKITT ASTRA - Data Relationship Discovery (2016-2017)

Involved in the development of ASTRA, an algorithmic solution that enables enterprises to discover more information about its data and data relationships. It has two components: Relationship Discovery and DATA LINEAGE. Worked on Metadata and Data dump, Machine learning algorithms to predict PK-FK relationship within a database.

Technologies Used: Spring Boot, JPA, Hazelcast, Hibernate, Stomp WebSocket, Apache Lucene

ROKITT - Impact Analysis (2016-2017)

Designed and developed impact analysis tool for Rokitt, which gives user the ability to track the changes in their databases (based on the daily metadata snapshot) on day-to-day basis, create a Watch-List and register himself/organization to track the changes in email/excel report. Developed an Email Framework by integrating the Amazon Simple Email Service(SES).

Technologies Used: Spring boot, Hibernate, RESTful Web Services, WebSockets

MAKEMYTRIP – Referral Application (2016-2017)

Designed and developed end-to-end **Referral Application** for MakeMyTrip. This Product enabled the MMT users to refer MMT to their friends on social networks (integrated Facebook and twitter APIs) through a unique share code. **Referral Application** consumes RESTful services of *MyTripRewards*, an internal points system, to give the MTR points to the referrer for sharing as well as after the successful booking of the referred user.

Technologies Used: Spring, Hibernate, Maven, Facebook and Twitter APIs

SYMANTEC – Cenzic Remediation (June'13-Dec'13)

Worked for the remediation of the Security Vulnerabilities; like Phishing OWASP Checks, Cookie Vulnerabilities found in Symantec's CPLG and QG applications.

Technologies Used: J2EE, Spring, Hibernate, Cenzic Scan

EXTRACURRICULAR ACTIVITIES

Entrepreneurship

Co-founded and ran successfully Zenith Classes, a coaching institute of strength 100 students, for IX – XII classes (for CBSE Board and preparation of IIT JEE). I taught Physics. (2009- 2010)

Initiatives

Rave - Campus Cultural Festival - Member Core Team & Sponsorship head (2009). Was a member of the core team of 8 students that organized this cultural festival. The event had a budget of around Rs.10 lakhs. led a team of 40 students

Secretary of the institute Yoga club. (2009-2010)

Leadership

Sponsorship-Head of campus magazine Renaissance. (2007)

HOBBIES

Solving Rubik's Cube (speed cubing), Competitive Programming(Beginner), Playing Chess, Yoga