



**KOUSTAV
RAY**
LEAD SOFTWARE ENGINEER

Asansol, West Bengal, India

+91-9833572310
koustavtub@gmail.com

BIOGRAPHY

In love with technology, a software engineer by profession and a contributor to github and other tech forums like stackoverflow. I also write technology related articles in magazines like DIGIT and blog about my travel and adventures.



[/in/koustavray](#)



[/koustavtub](#)



<http://koustavray.in>



[/users/4875624/koustav-ray](#)

WORK EXPERIENCE

(7+ Years)

Here Solutions India Pvt Ltd (Here Technologies)

3rd October, 2017 — Present

Current: Lead Software Engineer

Previous: Senior Software Engineer, Software Engineer II

Places

- **ROLE:** Java and Scala Developer
- **RESPONSIBILITIES:** Working in individual capacity as well with a global team, participating in development, deployment of a big data solution that deals with multiple Point Of Interests across the world from multiple information sources.
- **TECHNOLOGY STACK :** Java, Scala, Apache Spark, AWS (EMR,AWS Lambdas, S3, APIGateway, Elasticsearch, RDS), HERE OLP

SD-HD Attribute Alignment Tool

- **ROLE:** Full Stack Developer
- **RESPONSIBILITIES:** Developed and deployed a drive imagery alignment and job allocation tool.
- **TECHNOLOGY STACK:** Java, MongoDB, SQL, HTML5, Bootstrap, Javascript, JQuery, Maven, AWS EC2

Zepo Technologies Pvt Ltd

14th December, 2016 — 27th September, 2017

Software Engineer

Zepo Ecommerce

- **ROLE:** Java Developer
- **RESPONSIBILITIES:** Working individually as well with a small team, participating in development, deployment and maintenance of a platform that allows users to create their own e-commerce store. Actively developed in 4 different projects in the same , and also participated in multiple 3rd party integrations
- **TECHNOLOGY STACK :** Java, SQL, SpringBoot, SpringSecurity, SpringData ,AWS SQS,S3 ,Cloudfront ,VPC Handlebars, Thymeleaf, HTML, Bootstrap, Javascript, Redis, Maven, Gradle, Ant, Apache 2 , Tomcat8

Zepo Couriers

- **ROLE:** Java Developer
- **RESPONSIBILITIES:** Worked i ndividually in automating build processes and integrating Instamojo seamless payments to a courier aggregation platform
- **TECHNOLOGY STACK :** Java, SQL, SpringBoot, SpringSecurity, SpringData Gradle ApacheArchiva , Tomcat8



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Zycus Infotech Pvt Ltd Software Engineer

26th June, 2014 — 2nd December, 2016

Rainbow, a modern Data Representation Tool

- **ROLE:** Java Developer
- **RESPONSIBILITIES:** Developed individual components and a common dashboard for the Zycus software suite.
- **TECHNOLOGY STACK :** Java, Mongo, SpringBoot, SpringData, WebSockets, Solr, Redis, ActiveMQ, HTML, Javascript, Maven, Gradle, Nexus, NGINX, Tomcat8

Seat Management System (used by Zycus internally)

- **ROLE:** Full Stack Developer
- **RESPONSIBILITIES:** Developed and deployed a seat management system for in-house usage.
- **TECHNOLOGY STACK:** Java, SQL, HTML5, Bootstrap3, Javascript, JQuery, Linux, Tomcat

Geographic Disaster Alert Beacon

- **ROLE:** Full Stack Developer
- **RESPONSIBILITIES:** Developed a disaster alert beacon for plug and play with different APIs that alerted affected consumers in near-real time in case of any disaster by reading the same from United Nations APIs and different Twitter and RSS feeds of various news channels as a part of a hackathon.
- **TECHNOLOGY STACK:** Java, Mongo, SpringBoot, SpringData, WebSockets, Notifications API, Twitter-API, HTML, Javascript, Maven, Apache2, Tomcat8

Common Master Component Project

- **ROLE:** Java Developer
- **RESPONSIBILITIES:** Developed a Common Header and assisted in development of a common dashboard for the Zycus Suite of Products.
- **TECHNOLOGY STACK :** Java, SQL, Spring, Redis, ActiveMQ, Ant, Tomcat8

TECHNICAL SKILLS

Full Proficiency:

Java
MongoDB
AWS (EC2, S3, CloudFront, SQS, SNS, EMR)
HTML & CSS
Javascript & JQuery
RESTful Web Services
Spring Framework
Spring Data, Spring Security, Spring Boot
Maven, Gradle & Ant
Bootstrap 4
Redis

Working Proficiency:

SQL, Scala, Linux, Elasticsearch, Solr, ActiveMQ, JSRender, Hazelcast, Photoshop



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EDUCATION

2019-2021 | Pilani, Rajasthan

Master of Technology (M.TECH) in Software Systems
Birla Institute of Technology and Science, Pilani

2010-2014 | Kolkata, West Bengal

Bachelor of Technology (B.TECH) in Computer Science Engineering
Techno India College of Technology

2007 - 2009 | Kolkata, West Bengal

12th (ISC), Science
St. Thomas' Boys' School, Kidderpore

2007 | Asansol, West Bengal

10th (ICSE)
St. Vincent's High & Technical School

AWARDS AND ACHIEVEMENTS

- 2nd position in All-Asia Bournvita Quiz contest.
- NCC 'C'-Certificate (Air Wing) holder.
- Twice awarded the Best Athlete Award in school level (10 & 10+2).
- Certified Ethical Hacking Expert (Level 1.0 & 2.0) from TechDefence.
- 3rd position at the winter training on "Certificate in Network Management" conducted by Nettech Private Ltd.
- Various Awards for Debate, Quiz, Extempore, Swimming, Athletics etc.
- Various Awards at the companies where worked in.

LINGUISTIC SKILLS

- ✓ English
Full professional proficiency
- ✓ Hindi
Professional working proficiency
- ✓ Bengali
Full professional proficiency

DATE OF BIRTH

05th February, 1991

HOBBIES AND INTERESTS

Rock Climbing, Sport Shooting, Trekking, Travelling, Photography, Swimming, Sketching, Numismatics, Reading, Listening to Music