

SHIVJEET KUMAR SINGH

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<https://shivjeetsingh24.github.io> / | <https://github.com/shivjeet24>

To work in a challenging environment demanding all my skills and efforts to explore and adapt myself in different fields. I am broadly interested in Machine Learning, Computer Vision and their applications. I love exploring and learning about new interesting things. I am passionate about applying Mathematics and Computer science to solve real world problems.

EDUCATION

2012–2015 Master of Computer Application, **National Institute of Technology, Karnataka**
CGPA - 6.8/10
Mathematical and Computational Sciences (MACS).

SCHOLASTIC ACHIEVEMENTS

2012 Selected in **JNU MCA entrance exam** (Advanced Mathematics, Reasoning).
2012 Secured **All India Rank 10** in MP-MCA entrance exam (85/100 score) with
Mathematics Quantitative aptitude and Reasoning
2012 Secured **All India Rank 37** in UPTU MCA entrance exam with mathematics,
Quantitative Aptitude and Reasoning.

PROFESSIONAL EXPOSURE

- Sound knowledge on **Data structures and Algorithms**. Fast learner and ability to learn New Technologies.
- Hands on experience in Core java, JDBC, Hibernate, Servlet, JSP, Spring Framework, Ajax, AngularJS, java Script, MYSQL, JQuery, R Programming etc.
- Smart working with strong problem solving skills and ability to work in a fast-paced and changing environment.
- knowledge on Play framework(MVC), Python, Html5, css3, bootstrap, Awesome fonts etc.

EXPERIENCE

Software Engineer, OnMobile Global Limited.

Oct 2016 - Present

- Redesigned the backend code using **Design pattern** (singleton, doubleton, factory design pattern) for reduce time complexity. Developed bar chart and line chart using R Programming and core java for analytics.
- Wrote client server program using java for communication between client and server.
- Implemented JDBC connection pooling using BoneCP or C3PO for improving and manage database connection.
- Fixed bugs and debugging and generated jar, war file and compile java code using apache Ant tool. Designed and developed many future requirements for client. Design backend code architecture in Proper format.
- Studied Amazon Web Service (AWS) document to figure out new ideas related to Compute (EC2), Storage (S3), and Databases (RDBS). Perform basic operation and compute different module using AWS SDK for Java.

Software Engineer, Edge Verve Systems Ltd

Feb 2016 – Sept 2016

- Studied ebanking based research paper to figure out new alpha ideas.
- Worked on Implementation and customization of different module using finacle tool (FG, FM, DAO, TO, TAO) Custom JSP.

Software Engineer intern, Vital Labs

Aug 2015 – Jan 2016

- Developed web application using AngularJS, Html5, css3, java Script. Rest Api in Json for backend using spring boot application and core java.
- Studied snappoint and backup tool (Designed to use the maximum amount of CPU and RAM to achieve the top speed of VM backup and recovery)

PERSONAL PROJECTS

Angular Attack the 48 hour online Angular Hackathon (Sponsors Google, Rangle.io, ionic etc.)

- **Career-startup** <https://2016.angularattack.com/entries/3175-boost-rock>

Eureka 2017 (Sponsors OnMobile Global Limited)

- **ON-Hire**
HR updates his/her basic information on portal (name, contact details and resume) and sends notification to hiring Manager (in case of duplicate entry, HR will not be able to add candidate's info to the system and hence he may be rejected or his candidature is revoked and profile has to be updated).
- **Spring Boot Application** <https://github.com/shivjeet24/SpringBootApplication>
Spring Rest Api using java lambda expression. Singleton design pattern for database connection. Cross-origin resource sharing (CORS) in Spring Framework at method level and Global CORS configuration.
- **Rest API** <https://github.com/shivjeet24/JDBC-Connection-Pooling-Production-Level-Code>
Created Rest Api using spring framework and Jdbc connection using C3PO connection.

COMPETITIVE PROGRAMMING

- Hacker Rank https://www.hackerrank.com/shivjeet?hr_r=1
- SPOJ <http://www.spoj.com/users/shiv123/>
- Hacker Earth <https://www.hackerearth.com/@shivjeet0586singh>
- Regex Cross-word (Regular expression puzzle) <https://regexcrossword.com/profile/36620>

TECHNICAL SKILLS

Languages	Java, Python C/C++, JavaScript, R programming, etc
Framework	Spring Framework, Play Framework, Finacle Framework, AngularJS etc.
Databases	MYSQL, JDBC, Restlet (cloud database), BoneCP/C3PO/DBCP etc.
Web System	Http, Rest Api, Apache tomcat, JavaScript etc.
Tools	Eclipse, IntelliJ, Notepad++, Sublime Text etc.
Others	Log4j, UNIX, Amazon Web Service (AWS), maven etc.

AREA OF INTERSET

Development & Research, Data Structure and Algorithm concept, Coding, Core java, Machine Learning and Data Scientist etc.

KEY STRENGTH

Fast learner, self-confident, Self-motivated

DECLARATION

I hereby declare that the information given above is true and correct.

DATE: 15/01/2017

SINGNATURE:

