

# Ayush Pathak

## Resume

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### Education

2011-2015 **B.E in Computer Science and Engineering**, *Jabalpur Engineering College*, Jabalpur, *CGPA : 7.4*.

### Experience

- Feb 2019 till Present **S.V.N.I.T UNIVERSITY**, SENIOR SYSTEM ENGINEER, Sagar India.  
Working with S.V.N.I.T Group of Institutes as a Senior System Engineer involved in Hadoop Development, Business Analyst, Implementation Engineer, being single point of contact between the outsourced company and group of institutes involved in the WebApp project on behalf of S.V.N.I.T Group
- Aug 2017 till April 2019 **Teaching Assistant**, .  
Worked as an Educator and working with TPO team for Swami Vivekanand University Sagar, Madhya Pradesh.
- May 2015 till May 2017 **Infosys Project as Employee(System Engineer)**, .  
Worked with AT&T Marketing and communication. Worked in a Telecommunication sector project which has public facing enterprise web applications and Staff web application for AT&T client and Staff.

### Projects

- **WebApp**, UNIVERSITY MANAGEMENT SYSTEM, ANALYSIS AND VISUALIZATION OF DATA.  
HADOOP|SPARK|SCALA|JAVA|MAPREDUCE|SQOOP|FLUME|HIVE|SCALA|SPARK|SQL|AWS  
Responsibilities: Moving data into HDFS, writing scripts in PIG HIVE, worked on Mapreduce job, sqoop to dump data, creating HIVE tables, worked on DataFrame Development as part of SparkSQL, HIVE- Integration-Spark SQL scripts, Project management, BI, Managing deliverable, Software Development, Analyzing the requirement to setup a cluster. Following the project life cycle methodology like Agile and Waterfall; defined under the process framework, Hands-on experience in AWS BigData Technologies
- **Java Developer(AT&T)**, .  
Responsibilities: Designed JSP's as per the Requirement, Done Minor enhancements as per the requirement, Implemented entity classes, Implemented Form Bean Classes, Implemented Beans and their Validations, Implemented service classes, Implemented DAO's with Hibernate, Written Hibernate Components.

- **JCart(Shopping Site), .**

It was a Infosys Project for Trainee in which as a Team we Worked on a module that used to persist a product details into the database and displays the available products for the particular category through a drop down menu and to delete a selected item from the database. Good working knowledge of Core Java. Good knowledge in Core java (Exception, OOPS Concepts, Collection and String)

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## Skill Set

OS	LINUX, WINDOWS, ANDROID
Technologies	BIG DATA TECHNOLOGIES (HDFS, PYTHON MAPREDUCE, PIG, SQOOP, HIVE, OOZIE, HBASE, SPARK, SPARK SQL), AWS, J2EE TECHNOLOGIES (J2EE, JDBC, SERVLETS, JSP)
Languages	JAVA, SCALA
Cloud infrastructure(AWS)	S3 BUCKET, EMR, REDSHIFT, VPC, EC2, ATHENA, IAM, GLUE
Database	ORACLE 12C, HBASE
Miscellaneous	GITHUB, CLOUDERA, VIRTUALBOX, MYSQL, RESTFUL API WITH JAX-RS, UDFS, SERDES, GRAPHX, JDBC, SERVLETS, LOG4J, PUTTY, SPARK STREAMING, PROJECT MANAGEMENT, DELIVERY MANAGEMENT
IDE's	ECLIPSE, INTELIJ IDEA
Servers	APACHE TOMCAT, WEB LOGIC
Frameworks in Java	SPRING, HIBERNATE, JSP

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## Relevant Courses

Software Engineering, Database, Data Structures and Algorithms, Operating System, SQL, Theory Of Computation, Graph Theory, Computer System and Organization, Computer Networks, Engineering Mathematics

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## VOLUNTEER EXPERIENCE AND OTHER SKILLS

- Participated In Loophole + Ethical Hacking workshop at VNIT Nagpur
- Organised Cyber Security and Ethical Hacking workshop with BRBRAITT, BSNL, Jabalpur
- Participated in ecell IIT Bombay workshop on B-Plan
- Completed training courses on Computer Networking and DotNet
- Completed 4 week industrial training at CMC Jabalpur on Patient Billing system for a Hospital.
- Working experience in philanthropy and charity works for COVID patients