

## Aveek Banerjee

E-Mail : [aveek.banerjee@yahoo.com](mailto:aveek.banerjee@yahoo.com)

Phone : +91-9804465719

### Career Objective:

To get a growth oriented position in a firm with a professional work driven environment where I can utilize and apply my knowledge, skills which would enable me to establish a long time commitment, contributing to the company's growth and in turn ensuring personal growth within the organization.

### TECHNICAL SKILLS:

<b>Big Data Technologies</b>	Hadoop Framework, MapReduce, HDFS, Hive, Sqoop, HBase, Apache Spark
<b>Programming &amp; Scripting Languages</b>	UNIX/Shell scripting, Python, Core JAVA, PL/SQL, Scala
<b>Tools/Utilities</b>	Eclipse, Amazon S3, GitHub, Jira, Service Now, IntelliJ, Oracle SQL Developer, Android Studio
<b>Operating Systems</b>	Windows 7, Linux
<b>Application Software</b>	Microsoft Office Word, Microsoft Office Excel, Microsoft Office Power Point
<b>Methodologies</b>	Agile - Scrum
<b>Database</b>	Oracle 9i/10g/11g, MySql, Amazon RDS, Amazon Redshift
<b>Certifications</b>	<ul style="list-style-type: none"><li>• Certified course in Apache Spark + Scala from UDACITY</li><li>• Certified course in Python from edX</li><li>• Certified course in Spark from Databricks</li></ul>

### EXPERIENCE SUMMARY:

- Currently associated with Cerner as Software Developer.
- Experience in developing and implementing different Big Data models using MapReduce, Hive, Sqoop, Python and Shell scripting to execute in Hadoop clusters.
- Working knowledge of AWS, Amazon EMR and EC2 clusters along with Amazon S3, Redshift and RDS.
- Knowledge of writing Map-Reduce jobs.
- Adept to end-to-end development of software products from requirement analysis to system study, designing, coding, testing, de-bugging, documentation and implementation.
- Deft at mapping the requirements, custom designing solutions and troubleshooting for software and application issues.
- Good exposure in Version controlling tool like Git and Jira for bug tracking, issue tracking, and project management functions .

### PROFESSIONAL EXPERIENCE:

#### Cerner India Health Services, Kolkata

**Role:** Software Developer

**Project Duration:** From December 2018 till date

**Project Description:** Cerner is a healthcare domain based organization that makes software for hospitals, clinics and the healthcare industry. The role of the project was to collect patient data and stream the same to a data center for analytical purposes with a maximum latency of 15 minutes

**Responsibilities:**

- Taking part in designing and architectural solution of the system
- Developing stored procedures, triggers and tsqit test cases with maximum accuracy and thorough documentation
- Deploying and Upgrading net new builds using Powershell to get the latest changes in our database
- Setting up proper replication channels from 1 database to another for CDC (Change Data Capture)
- Monitoring snapshots to see if all replicated transactions have been delivered properly
- Creating sql agent driver jobs and schedule the same to run on a timely basis

**Achievements:** Received the Cerner Knott Award in 2020

**Accenture, Kolkata**

**Role:** Application Development Associate

**Project Duration:** From March 2017 to November 2018

**Project Description:** Worked on a US based software corporation Autodesk as a Hadoop developer, responsible for developing and enhancing several big data applications running on the Hadoop Analytics and Operational clusters. These applications included ETL jobs, data pre-processing jobs, data aggregations and several other miscellaneous jobs.

**Responsibilities:**

- Worked on Unified Customer Profile (Data Ingestion, Analytics and Reporting Frameworks) and Autodesk Data Platform.
- Performed data ingestion from various databases to Amazon S3 bucket to view data using Hive tables & selectively load in RedShift
- Import & export the data from Source into HDFS & vice-versa using Sqoop.
- Created Sqoop jobs with incremental load to populate Hive external tables
- Designed Managed and External tables in Hive to perform Query Optimization.
- Perform analysis on data by doing transformation using JOINS, built-in functions, etc. on Hive tables.
- Develop UDFs in Python/Java as and when necessary to use in HIVE queries
- Created Shell & Python scripts to monitor & prevent dependency failure of various pipelines in the frameworks
- Developed Python script to validate count & column-sequence of tables between Source, Hive & Redshift & generate report accordingly.
- Developed script to find list of unused tables from audit logs in order to free up unnecessary space in S3 & Redshift.

**Achievements:** Received the Accenture Apex Award in 2017

**Nasscom**

**Role:** Intern (Android Developer)

**Project Duration:** From January 2016 to April 2016

**Project Description:** Worked as Android App designer & developer in a 10,000 Nasscom Start-up organization designing & developing an Android app that is location based service provided to customers as a one-stop solution for everyone looking for a place to book their occasions or ceremonies in real quick time.

**Responsibilities:**

- Worked as an Android Developer & Designer
- Work on latest Android technologies like Spinner, Material Design, Recycler View
- Beta testing for App in Google Play Store

**ACADEMIC CREDENTIALS:**

Qualification	Board/University	Year	Aggregate
MCA (Computer Application)	Vellore Institute of Technology, VIT University, Vellore	2016	7.02/10
BCA (Computer Application)	H.L. Institute of Computer Applications (Ahmedabad University)	2014	60.30%
CLASS 12 (ISC)	CISCE National Gems Higher Secondary School	2011	67.57%
CLASS 10 (ICSE)	CISCE National Gems Higher Secondary School	2009	86.42%

**EXTRA CURRICULAR ACTIVITIES**

- Actively participated and won many quizzes at school and college
- Part of college football team at UG level
- Participated in many debates in school/college
- Actively participated and won many quizzes at school and college level
- Perform analysis Reached the final of GD at CONCOURSE (AN INTER-COLLEGIATE MANAGEMENT MEET AT BKMIBA)
- Winner of Book Review Event at Ahmedabad University

**PERSONAL DETAILS**

- ❖ **Father's Name** :- Mr. Amarnath Banerjee
- ❖ **Permanent Address** :- ANANDALOKE APARTMENT,106/1A B.C.ROAD,KOL-34
- ❖ **Languages Known** :- English, Hindi & Bengali
- ❖ **Marital Status** :- Single
- ❖ **Nationality / Religion** :- INDIAN / HINDU
- ❖ **Interest & Hobbies** :- Travelling, quizzing, trekking, cooking, working out