SUBHANKAR BISWAS

Software Engineer   *Mobile: 09591810170*   *Email: neo20iitkgp@gmail.com*

PROFESSIONAL EXPERIENCE:

TARGET CORPORATION (TTS, Sr. Software Engineer Digital)   (*December 2014 – Current*)

- ➢ **GAM And Checkout Mod:**   *December 2014 – Current*

  This is the next generation checkout and guest account management framework.

  Technology Used: Cassandra, Hazelcast, Java, Archaius, Spring.

NALASHAA SOLUTIONS (CLOUDTHING Ltd, Software Engineer)   (*May 2014 – December 2014*)

- ➢ **CloudAffinity:**   *May 2014 – December 2015*

  The objective of this project is to build distributed email filtering platform.

  Technology Used: Cassandra, Lucene, Python, and ZeroMq.

- ➢ **MNC Data Analysis**:   *June 2014 – September 2014*

  The objective of this project is to build an ETL process for processing media data.

  Technology Used: MySql and Vert.x,

JUSTDIAL LTD. (R&D DEPARTMENT, Software Engineer)   (*June 2012 –May 2014*)

- ➢ **Justdial New Backend Framework:**   *March 2013 – March 2014*

  The objective of this project is to build horizontal scalable backend framework to handle big data problems.

  Technology Used: Cassandra, Elasticsearch, Titan Graph Database, RabbitMQ, Vert.x, Groovy and Spring.

- ➢ **Mobile Notification Service:**   *February 2014 – April 2014*

  Mobile push notification service for justdial application for Android and ios.

  Technologies Used: MySql, Vert.x and Rx-Java.

- ➢ **Justdial WAP-2 Single Box Search:**   *January 2013 – April 2013*

  Built single box search application and improved search speed near 40 percent using lucene-based engine.

  Technology Used: Elasticsearch and Java.

- ➢ **Justdial App - Backend for justdial-social:**   *September 2012 – January 2013*

  The objective of this application was to introduce social experience to users.

  Technologies Used: Neo4j, MySql and Java.

TECHNICAL SKILLS:

- ➢ **Programming Languages:** Java, Groovy, and Python.
- ➢ **Frameworks:** Spring, Vert.x, and Thrift.
- ➢ **Database:** RDBMS (MySql), Cassandra, Graph Database (Neo4j, Titan).
- ➢ **Others:** Hadoop, Search Engine (Elasticsearch), Message Queue.

ACADEMIC QUALIFICATION:

- ➢ B.Tech. (E&ECE) from **Indian Institute of Technology**, Kharagpur with 6.15 CGPA. [2012]
- ➢ 12th (West Bengal Board) from Barrackpore Govt. High School, with 77.3%. [2004]
- ➢ 10th (West Bengal Board) from Ramakrishna Mission High School, Rahara with 82.13%. [2002]

ACADEMIC PROJECT:

- ➢ **Packets Interleaving CCSDS File Delivery Protocol in Deep Space Communication.**

  Comparing between **CCSDS File Delivery Protocol** (CFDP) and Packet Interleaving CFDP using MATLAB.

INTERNSHIP:

- ➢ Trading in Equities and Commodities. (**India Bulls Securities Ltd.**)

EXTRA CURRICULAR ACHIEVEMENTS:

- ➢ Selected for **IIT Kharagpur's** water polo team for **INTER IIT** competition.
- ➢ Member **Water polo** team of R.P.Hall in inter hall competition. Won **gold** consecutively in 2008 & 2009.
- ➢ Gave the theme of double pictured Rangoli, selected for **RIPLEY'S Believe It or Not**.