Swarnadeep Chatterjee

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EDUCATION

IIIT HYDERABAD
M.Tech in CSIS
May 2018 | Hyderabad, Telengana
2016-2018
CGPA : 7.5 / 10.0

HERITAGE INSTITUTE OF TECHNOLOGY
B.Tech in IT
2010-2014| Kolkata, West Bengal
CGPA: 7.88 / 10.0

SRI AUROBINDO INSTITUTE OF EDUCATION
Kolkata, India
XII(ISC): 90 percent
X(ICSE): 88 percent

LINKS

LinkedIn:// **swarnadeepc**
Spoj:// **@xhakalaka**
Github:// **reallyoldturtle**

PROJECTS

MINOR
• Shell
• SQL Engine
• P2P Repo Server
• Data Analysis of Titanic DS (Kaggle Project)
• Zestimate (Kaggle Project)
• Design of lightweight security protocols in Vehicular Adhoc Networks

WORK EXPERIENCE

MICROSOFT INDIA R&D | Software Engineer
Feb 2019 onwards| Hyderabad
• Development of revamping the existing Exchange Admin Portal. Involved in both front end and back end development.

  C Sharp, ReactJS, Redux, Azure

DELL R&D | Software Engineer 2
July 2018 to February 2019| Bangalore

• Development and deployment of APIs on cloud platform to facilitate several modules of Dell products with a Microservice based architecture using various SQL and NOSQL dbs. Use of TDD and pair programming as development practices.

  JAVA, Spring Boot, Python, JS, Pivotal Cloud Foundry, ElasticSearch, Hbase, SQL, Git, Jenkins, JIRA, Unit Tests, Scalability

CAPGEMINI | Senior Software Engineer
July 2014 to July 2016 | Kolkata
• Development of an application platform based on serverless architecture, where developers would deploy their microservices.

  C++, Python, JAVA, Php, Git, Docker, CI/CD

PROJECTS

MINESWEEPER SOLVER 2017
Minesweeper, a puzzle game that requires spatial awareness and an ability to solve and work with incomplete information. Training a minesweeper solver using various concepts and models of Machine learning.

IDENTIFICATION AND CLASSIFICATION KEYPHRASES 2017
Extraction of relationship between two identified keyphrases from an unstructured text from scientific journals and publications.

JOKES GENERATION 2018
Humour Generation is a hard problem in natural language processing. We use the concepts of RNN, LSTMs and Attention mechanism to generate jokes.

HDFS 2017
Implementation of HDFS(Hadoop Distributed File System). It employs a NameNode and DataNode architecture to implement a distributed file system that provides high-performance access to data across highly scalable Hadoop clusters.

DISTRIBUTED HASH TABLE- CHORD 2016
Chord, a scalable, distributed object location and routing substrate for wide-area peer-to peer applications.

ACHIEVEMENTS

Runners Up at INTUIT 'Malware Detection' Hackathon.
Awarded by school for achieving more than 90 percent marks in 10+2 exam.
Got 'Project Star' award for exceptional work for Capgemini India Pvt Ltd.
Second Runner up in American Express Coding Contest.
Played football state level.