

Pratik Tiwari

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EDUCATION

IIIT HYDERABAD

M-TECH COMPUTER SCIENCE AND
ENGINEERING
Batch (2019-2021)
CGPA: 9.72 / 10.0

AMITY UNIVERSITY NOIDA

B-TECH IN COMPUTER SCIENCE AND
ENGINEERING
Batch 2012-16, Noida, UP
Cum. GPA: 7.67/10.0

DIVINE LIFE

GUJARAT STATE BOARD
SSC(Yr. 2010): 7.9 / 10.0
HSC(Yr. 2012, PCCM): 6.1 / 10.0
Gujarat, India

LINKS

Github:// pratikiiiith
LinkedIn:// tiwaripratik

RELEVANT COURSE

POST GRADUATE

Machine Learning
Advanced Problem Solving
Operating System
Internals of Application Server
Distributed Systems

SKILLS

PROGRAMMING

C • C++ • Python

DATABASE / MESSAGING

Mysql • MongoDB • Kafka

CLOUD SERVICE

EC2 • RDS • VPC • S3

HADOOP ECOSYSTEM

HDFS • HIVE • Sqoop • Spark

ANALYTICAL TOOLS

Scikit Learn • Pandas • Numpy • Tableau

DEPLOYMENT SERVICE

• Docker • Jenkins

WORK EXPERIENCE

SAMSUNG R&D INSTITUTE BANGALORE

RESEARCH AND DEVELOPMENT INTERN | 2 MONTHS(MAY – JUL 2020)

- Worked with Augmented Reality team, major task involves implementation of Deep Learning based network for Doodle compression used in SamsungAR applications.

SAMSUNG R&D INSTITUTE DELHI

SOFTWARE ENGINEER | 39 MONTHS(JUNE 2016 – JUL 2019)

- Worked in Product Team, responsible for Visual Display Products software life cycle management and solving software and functional issues for every release.
- Worked in development of Automation Tool for Aging/Robust test of Samsung Smart TV.
- Solved 350+ software issue(Market Issue, Smart TV).

BHARTI FOUNDATION GROUP | SOFTWARE ENGINEERING INTERN
MAY 2015 – JUN 2015 | GURUGRAM, DELHI NCR

- Worked on maintaining and creating VBA scripts containing data of 5Lac+ student profiles of Bharti Group.

ACADEMIC PROJECTS

IOT PLATFORM IIIT-H | APPLICATIONS OF INTERNAL SERVERS

Distributive IOT Platform capable to manage complete life cycle of services/application provided by developer ,starting from authorization, scheduling, binding sensor data ,notification and deployment.

CHORD DHT IIIT-H| M-TECH PROJECT | OPERATING SYSTEM

A scalable distributed protocol for speeding up look ups in Peer to Peer Systems. Completely implemented Fingertable,Data Storing/Retrieving, Node Join/Leave, Data Display, Node Details, Finger Lookup.

MINI-TORRENT IIIT-H | M-TECH PROJECT | OPERATING SYSTEM

File sharing system with fallback multi-tracker system with synchronization and parallel downloading. Used openssl library for computing hash values of files. Implemented own algorithm for data piece selection.

POSIX SHELL IIIT-H | M-TECH PROJECT | OPERATING SYSTEM

Implementation of C based shell with covering most features like auto completion and UNIX-like commands.

CERTIFICATION AND ONSITE WORK

2019	Udemy/Eduonix	Mongodb , Kafka ,Nginx Certification
2019	Linux Academy	Docker
2018	Samsung Headquarter-Korea	Field Test for New year model 2018
2018	Samsung Singapore	Smart TV Field Test and Product Launch.
2017	Data Camp	Data Scientist [Pandas,Numpy,Scipy]