

Curriculum vitae

PERSONAL INFORMATION

Garima Mudgal

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Sex Female | Date of birth 04/02/1990 | Nationality Indian

EDUCATION AND TRAINING

23/09/2018–Present

Masters in Computer Science

Universität Paderborn, PADERBORN (Germany)

Seminars :

1. Natural Language Processing :- Research on knowledge graphs.

- Question answering Model using Natural language processing.
- Answer extraction from Data sets developed from a combination of text and Knowledge Bases

2. Human Computer Interaction :- Research on educational softwares and their characteristics w.r.t. Didactics

Project :

New Interaction Concepts and Eye tracking for Interdisciplinary Educational Applications :-

- Game development for web and standalone application using Godot (gaming engine)
- Data Extraction (Player Statistics, moves made by the player , Feedback) from game and using eye trackers. Merging the two data sets for hypothesis generation and Visualization.
- Performing data visualization and interpretation tasks using python
- Collect feedback from Players and analyse the perception of players towards the game using Natural Language Processing.

UPB Racing :

- Part of UPB racing team for 1 semester for Object detection and machine learning using YOLO.

Current grade : 2.0

16/09/2019–17/09/2019

Continental Hackathon #Fiction2Science

Frankfurt (Germany)

- Blockchain as a concept for allowing individuals to sell their own data(such as location, purchase history, Travel History).
- Shared Cab facility in Big cities , to cut carbon emission and save climate from deteriorating.
- Concept : People share their location to Cab companies in return for money. Cab companies, then use the information to locate more people on the same route and want to hire a cab.

06/02/2018–30/06/2018

Data science for engineers

Indian Institute of Technology Madras, Madras (India)

01/06/2008–04/07/2012

Bachelor of Technology(Computer Science and Engineering)

Maharishi Dayanand University, Rohtak (India)

Grade : 2.3

WORK EXPERIENCE

- 05/08/2013–03/01/2018 **Senior System Engineer**
Infosys Limited, Chandigarh (India)
- 06/07/2015–18/06/2016 **Senior System Engineer**
Citi Bank Singapore, Singapore (Singapore)
- 15/01/2018–20/09/2018 **Consultant**
Exusia Limited, Pune (India)

Responsibilities :

- Migration of 40 applications from Unix to Linux environment across SDLC.
- Big Data setup and Hadoop software up-gradations.
- Server Maintenance for Big Data and Ab Initio(ETL tool) merger.
- Cloud-era manager(GUI), Hue, Oozie and revora setup as part of initial infrastructure.
- Automation for code deployment using RBA tool.
- Express it, Log viewer setup for Development Teams.
- Server utilisation metrics and memory usage extraction to analyze and enhance server level performance.
- Control center setup and maintenance for automating the deployment and monitoring the scheduled jobs.
- Working on ticketing tool "Service Now" and maintaining the tickets along with meeting SLAs. Generating reports and maintaining Documentation for the project.
- Ab Initio(ETL tool) and Big Data Administrator for Citi Bank.
- KYC APAC setup for Linux and windows servers across SDLC.
- Involved with Infra/DB/BI vendor/Testing/Production teams to understand the relationship between various technologies and provide a LINUX infrastructure for Dev teams.

PERSONAL SKILLS

Mother tongue(s) Hindi

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
TOEFL					
German	A2	A2	A2	A2	A2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills

Group leader and presenter for the Project in the university.
Scrum Master in the previous Project setup.
participate in Hackathons and mostly present the product/service to the judges.

Organisational / managerial skills

Annual Disaster Recovery Test-Citibank, Singapore

Was responsible for coordinating and conducting the annual disaster recovery test for multiple applications for NAM and APAC regions for successful Continuity of Business for Citibank-Global Production Assurance Middleware Technologies.

Participate in co-curricular activities

- Accreditation Assistant-Common Wealth Games 2010

Job-related skills

Tool : ETL tools (Ab Initio, Talend), MS Office

Databases : Oracle, Microsoft SQL Server

Operating Systems : Windows, UNIX, Linux

Programming Languages : Python, C, C++, PL/SQL, Java , Unix shell script

Hadoop Ecosystem : Abinitio integration on Hadoop, HDMFS Setup, Cloudera Manager, oozie, hue Setup and configuration.