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EDUCATION

NEW YORK UNIVERSITY   **NEW YORK, NY**
MS IN COMPUTER SCIENCE   *SEP 2019-JUN 2021*
Relevant Course Work: Machine learning, Artificial Intelligence,Big Data, Cloud Computing.
Algorithms, Security and privacy.

PES UNIVERSITY   **BENGALURU, INDIA**
BTECH IN COMPUTER SCIENCE   *JUL 2009-JUN 2013*

WORK EXPERIENCE

Tech Lead/ Full-Stack Developer, WIPRO Technologies; Gr. Noida, India — 2015-2019

- Designed, developed and managed a team of 10 for the migration of legacy jsp and struts based application to micro services based system using R**eact-Redux, Rest API, Spring boot.**

- Developed and managed implementation of a new payment verification module in a Web portal used by the end customers of our client. We leveraged full **J2EE** stack to develop this module. For batch processing of verification requests I developed **Spring** batch.

- Enabled Automatic Deployment via build management and continuous integration. Implementation of **TeamCity** tool that was used to automate the process of application deployment on both production as well as on testing server

Sr. JAVA Developer, WIPRO Technologies; Gr. NOIDA, India — 2012-2015

- Developed a new functionality in a web portal for a communications client from scratch, The project involved development of all the components of web stark I.e front end, middleware and backend. Technologies used were **Struts 2.0, JSP, SOAP web services, OracleDB**.

- Completed the hand-over of a major client for the company. The tasks involved setting up of complete development environment and understanding of the complete architecture.

PROJECTS

Smart Door Authentication System: Developed a Smart Door authentication system that uses Kinesis Video Streams and Amazon Rekognition to build a distributed system that authenticates people and provides them with access to a virtual door.

Dining concierge using AWS: Developed a chatbot for restaurant recommendations using various AWS services such as Lex, API gateway, Lambda functions, S3, SQS, SNS, SES, Cloud Watch and used Swagger to design API.

Pac man agents: Developed various Pacman agents based on different algorithms such as BFS, DFS, A*, MCTS. Tested the performance of all the agents and came to the conclusion that A* agent performs the best in a scenario with no noise.

PROGRAMMING SKILLS

Technologies:, J2EE, Python,AWS, PySpark, Spark SQL,Spark ML,,Scala, Hadoop, React JS, Redux, PyMongo, Rest API, SOAP,Servlets, JSP, HTML, JavaScript, Solidity,Groovy, Machine learning, Deep learning, TensorFlow, Google Colab.

Languages: Python, React JS, Core Java, Advance JAVA, JS, Spark, PyMongo

Database: Oracle11g 12c, Mongo DB, Dynamo DB