

Bhargavi Deshpande

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362 Sip Avenue ,Floor 3 ,Jersey City,NJ-07306

EDUCATION

Illinois Institute of Technology

Masters in Computer Science

Chicago,IL

August 2017-April 2019

Relevant Coursework: Advanced Database Organization,Data Analytics, Data Mining, Algorithm Design,Big Data,Computer Networks,Software Project Management,Enterprise Web Development,Unified Modelling Language

PES University

Bachelor of Engineering in Electronics and Communication Engineering

Bangalore, India

July 2011 - May 2015

Relevant Coursework: Data Structures using C++, Operating Systems,Object Oriented Programming,Signal Processing

SKILLS

- **Programming and Web-Technologies:** Python, C++, SQL, Java,HTML,R
- **Libraries & Technologies:** Hadoop, YARN, MapReduce, Hive, Pig,HDFS, Kafka, Apache Sqoop,Spark, NoSQL databases,Scikit-Learn, Numpy, Pandas, TensorFlow, ,Jupyter,Git

EXPERIENCE

Accenture Services Private Limited

Application Developer

Mumbai, India

Mar 2016 - Sep 2016

- **Developer:** Under Risk and Compliance Operations-developed client related application using AngularJS programming and also developed application codes and performed unit testing.
- **Front-End:** Developed user interfaces working with HTML,CSS.
- **Maintenance:** Built semantic, accessible and maintainable front-end interfaces with HTML5,CSS.

Accenture Services Private Limited

Application Developer

Mumbai, India

Dec 2015 - Mar 2016

- **Developer:** Designed,built and maintained reliable and efficient C++ codes .
- **Testing:** Tested and Implemented software applications using C++ and other object-oriented languages and located and devised solutions for bugs to maintain code quality.
- **Documentation:** Fixed software issues and documented Software development cycle phases.

Accenture Services Private Limited

Associate Software Engineer

Mumbai, India

Aug 2015 - Nov 2015

- **Web Designer:** Worked on Site Core 8.0 platform as a Web Content developer and loader.Created templates, loaded content from legacy site and sustained environment into the new templates to create new web pages
- **Peer Review:** Performed manual review of the new pages created by other team members and gave feedback for the same.
- **UAT Testing and Bug resolving:** Performed Manual UAT with the help of test cases document, raised and documented bugs using TFS (Team Foundation Server)and resolved bugs raised in TFS by different members of the team.

MAJOR PROJECTS

- **Autism Screening with Machine Learning:** Supervised Learning was used to diagnose autistic spectrum disorder based on behavioral features and Individual characteristics. Built and deployed a neural network using Keras API. Overfitting Issue was solved using dropout regularization
- **Airline Dataset Analysis using Hadoop, Hive, Pig and Impala:** Airline on-time performance dataset is used to demonstrate and answer few questions as to when the best time of day/day of week/time of year is to fly to minimize delays, do older planes suffer more delays, how does the number of people flying between different locations change over time etc.
- **Doctor on Demand:** Used HTML, Java to build a website which helped patients to book appointments for any medical category provided. Doctors can add products according to categories and there is a super master who has full access of website including both patient and doctor
- **Smart Portable Website :** This is a JAVA web-based E commerce website built to sell and purchase electronic Items and their accessories online. Data visualization library called json library is used to provide visualization of data.
- **Link State Routing Protocol:** Implemented Dijkstra's Algorithm to implement Link State Routing Protocol.
- **Voice Based Home Automation:** Designed a smart home automation system using voice recognition with low cost and wireless system.

CERTIFICATIONS

- Machine Learning-Coursera
- Data Science Foundations Specialist -IBM
- Exam 483-Programming in C#-Microsoft
- Neural Network and Deep Learning -Coursera (deeplearning.ai)
- Improving Deep Neural Networks:Hyperparameter Tuning,Regularization and Optimization-Coursera-deeplearning.ai