**Rohit Shindhe++**

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**Overview:**

I have completed a Bachelor of Engineering in Computer Science and Technology with an additional Master’s Degree in Big Data Science and Machine Learning from the Queen Mary University of London. I have over 3.5 years’ experience in the IT industry in Multinational companies supporting business applications and services. I have expertise in Big Data, AI and Machine Learning, Cloud computing, Data Engineering, Data Architecture, Data Analytics, REST API Architecture, and Visualization.

**Technical Expertise**

**Platforms:** AWS, Apache Hadoop, Azure (DB, Media services, Data Factory)

**Programming Languages:** Python, SPARK, R, .Net, React-Native, HTML, CSS, JavaScript, WebMethods

**DBMS:** HDFS, SQL Server

**Tools:** Tableau, Yarn

**Operating Systems:** Linux, Windows

**Software Management Tools:** JIRA, GIT

**Domain Skills**

Software Production Applications

**SW Engineering Processes**

CI/CD, SDLC, ITIL Management

**Education & Certifications**

Bachelor of Engineering in Computer Science

AWS Cloud Practitioner Essentials Training Certification

Google Analytics for Beginners

Docker Course for Beginners (Udemy)

GitHub link: <https://github.com/rohitshindhe/Certifications>

**Education:**

Queen Mary University of London, September 2019 – September 2020

**Big Data Science and Machine Learning**:

Modules Completed:

* Big Data - Parallelism Computing, Map/Reduce, Apache Hadoop, Spark, Ethereum.
* Machine Learning - Linear regression, Classifiers, Neural networks.
* Data Mining - Supervised, Unsupervised, Clustering models.
* Applied Statistics - Hypothesis, Time series analysis, Visualization.
* Cloud Computing - Virtualization, container, Restful APIs, Data partition, Micro Services.
* Data Analytics - Bayesian networks, Numpy, ML with Scikit, Visualization, and Pandas.
* Machine Learning for Visual Data Analytics - Visual recognition, Bag of words, window sliding,
* Digital Media & Social Networks - Strong and weak ties, Network centrality, Cascading

**MSc, Dissertation:**

* Chess game with a well-known technique, alpha-beta algorithm. An essential part of this project is to understand the algorithm and implement it. Building a robust interface to make a system where humans play against the computer. The complete code has been built using python and made available on GitHub.

Bachelor of Engineering at Basveshwar Engineering college – Bagalkot (Karnataka - INDIA), 2010- 2014

Computer Science & Engineering: Academic Project: 2013 – 2014

Project Title: Achieving Secure Data Access Control in Cloud Computing. The main aim is to encrypt the data and send it to the user and the user can use the PKCS key and decrypt the data.

Software used: VB.Net

Duration: 6 months.

Team size: 4

**Experience Overview:**

**April 2020:** In Cloud Computing - Using Flask in python created weather template with external REST API from Openweathermap.org. Deployed the code in AWS ec2 instance and was able to check the weather of various cities around the globe. Complete code and details in GitHub link: <https://github.com/rohitshindhe/CloudComputing>

**May 2020:** In Data Analytics - The project is based on ML with python code. We have applied a couple of data analytic techniques to a real-world problem on “House prediction”. Data has been extracted from Kaggle and used for analysis. GitHub link for complete code and details: <https://github.com/rohitshindhe/Data-Analytics->

**September 2020:** Successfully completed Chess game using “Alpha-Beta pruning algorithm” in AI where human and machine can play the game. The algorithm prunes the nodes and reaches the optimal solution at the earliest. While pruning it keeps track of each node and provides the best result at the end with increased efficiency.

<https://github.com/rohitshindhe/Chess-game-Dissertation->

**EMPLOYMENT DETAILS**

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| **Anya Consultancy Services**  9 Queens Square,  High Wycombe HP11 2DF  United Kingdom  Internship | **Software Consultant**  Oct 2020 – Till date |

RESPONSIBILITIES:

**BARBI Project (Food app for Bristol location)**

* Manual testing the BigCommerce APIs for mobile applications and appending them as per the wireframe or developers requirement.
* Manual testing the app.
* Supporting for BARBI team for Restaurants onboarding, Drivers enrollment, and End users.
* Database schema for the entire BARBI project.

**MIDIUNDERGROUND Project (Music app)**

* Built C# API for user end development (Registration, Forgot password).
* Worked on Azure media services for music application to deploy the songs and live stream.
* App developed using react-native code.
* Creating user stories, repo, and sprints in Azure DevOps.
* Documentation of projects with sequence flows.

**Newspaper packing system**

* Working on Raspberry pi using Python code where pi acts as an interface between printer and server.

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| **Dell International Services Ltd**  Divyashree Greens, Amarajyothi Layout, Domlur  Bangalore – 560071  Karnataka, India  Permanent | **Specialist, IT Application Management**  Feb 2017 – Aug 2019 |

RESPONSIBILITIES:

* Identified, diagnosed, and resolved level one problems for users of the mainframe, personal Computer software and hardware, Internet, and new computer technology.
* Provided a full range of support and client relationship services ranging from first through to third line support and customer on-site visits Packaging & interface studies and design reviews with the cross-functional team.
* Able to work independently and within a team-spirited environment.
* MS Office software (Outlook, VPN, Active directory)
* Receive, log and manage tickets in the ITSM ticketing system (Service Now)

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| **Intevaproducts India Automotive Ltd**  Manyata Embassy Business Park, N1 Block, 4th Floor, Outer Ring Road, Nagawara.  Bangalore – 560045  Karnataka, India  Permanent | **Global Helpdesk Administrator**  Aug 2015- Jan 2017 |

RESPONSIBILITIES:

* Analyzed failed changes and created documentation for Known Errors: The project has been completed successfully, a drastic decrease has been observed in the number of failed changes since the implementation of the project.
* Process Improvement Project: This involved implementing various measures to improve the process followed based on the Lean principle.