OMKAR MENKUDALE

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Portfolio | Linkedin Profile

ACADEMIC QUALIFICATION

Bachelor of Engineering in Information Technology from International Institute of Information Technology (I2IT), Pune, Savitribai Phule Pune University (SPPU), 2016 to 2020. GPA: 8.23

WORK EXPERIENCE

System Analyst, HDFC Bank (IT Department), Mumbai, November 2020 - Till Date
Key Responsibilities
Algosec, December 2020-present

- Assist and support the team members during the integration and pre deployment/ production phase of the project.
- Manage and use the platform and troubleshoot issues, especially after the certified training program given by Algosec, on the platform features and functionality.
- Monitor, track and follow up the tasks assigned to vendors and Algosec PS team.
- Help in setting up and procuring new infrastructure required for project, UAT testing, contribute in documentation process involving documents like RFP, RD, IT Enterprise Checklist, Application Walkthrough, ASST, etc.

Centralized device authentication platform, February 2021-present

- Understand the requirements of our bank as per the RFP and communicate it to the service providers/ vendors.
- Evaluate possible vendors and technology solutions offered by them, presenting the best solution which meets the requirements of the bank, with proper reasoning to our Senior Management.
- Understand and deep dive into the Technology platform identified.

AIML based Cyber Security Operations Centre (CSOC), April 2021-present

- Undergone the training boot camp organized by Securonix, on SNYPR Platform, Security Analysis, Hands on Labs, Threat Models, RIN, etc.
- Involved in the Nxlog agent installation, Integration of Azure AD, O365, and other Bank Applications with SNYPR Platform.

PwC Network Infrastructure and Architecture review, February 2021
Attended meetings where the Application owners explained architecture to PwC team.

ACADEMIC PROJECTS

Project Title: Agro-Intelligent Farming System (SEEDO), June 2019 to Sept 2020
Team Size: 4
Objective: To apply Machine Learning in Agriculture to increase farmer's income, optimize the process of irrigation and fertilization and prevent the diseases occurring in plants.

- Read various research papers and found out the drawbacks in their solution.
- Prepared the database schema.
- Wrote part of the code for crop prediction and timeline using the Decision tree and the Logistic Regression Machine Learning algorithms.

Project Title: Paperwala, July 2018 to October 2018
Team Size: 4
Objective: To provide a platform where the consumers can directly interact with the suppliers for monthly/annual subscription of Newspaper.

- Hosted the website live on server using the free Hostinger service and domain name.
- Contributed in the home page front end code and the Database schema design.

- Integrated the front end and back end using PHP.

TRAINING & CERTIFICATIONS
- Amazon Web Services (AWS) Cloud Practitioner Certificate (CLF-C01) issued by AWS in April 2021, Expiry in April 2024, Credential ID: 5XCF2Y9L21RQ18C1.
- Microsoft Data Fundamentals Certificate (DP-900) issued by Microsoft in May 2021, Expiry in May 2023, Credential ID: H835-5090.
- Microsoft Azure Fundamentals Certificate (AZ-900), issued by Microsoft, in June 2021, Expiry in June 2023, Credential ID: H844-5853.
- Completed Certified Training Program for "Programming in C and Fundamentals of Data Structures", by Learnwell Technocraft, August to October 2017.

ONLINE COURSES
Completed MOOC courses on Coursera:
- The Bits and Bytes of Computer Networks by Google, February 2021.
- Successful Negotiation Essential Strategies and Skills by George Siedel, University of Michigan, September 2020.
- Communication Strategies for a Virtual Age by Ivan Wanis Ruiz, University of Toronto and Teamwork Skills: Communicating Effectively in Groups, by Matthew A. Koschmann, University of Colorado Boulder, August 2020.
- AI for everyone by Andrew Ng, July to August 2020.
- Marketing Analytics by Rajkumar Venkatesan, University of Virginia, May 2020.
- Machine Learning for Business Professionals by Google Cloud, April 2020.

TECHNICAL SKILLS
- AWS, Data Analytics, DBMS, Network and Security.
- Programming Languages: C, C++, Python, MySQL.

AWARDS & ACHIEVEMENTS
- Winners in Inter-college soccer tournament organized by SBIIMS (2019) and Runners up in ISBM and Askara , I2IT, 2019 & 2020.
- Runners up in Inter-college Table Tennis competition, Savitribai Phule Pune University, August 2019.

CO-CURRICULAR ACTIVITY
Project Title: Analyzing various factors affecting the spread of Corona virus, May 2020.
Performed data visualization and analytics based on effect of factors like GDP per capita, Social support, Healthy life expectancy, Freedom to make life choices on the spread of Corona virus, using various python libraries.

EXTRACURRICULAR ACTIVITIES
- Member of the I2IT Music club, conducting guitar classes since March 2021, played guitar at various cultural events at college, like Farewell ceremony and Dhruva college fest, February 2020.
- Member of CMC (Career Management Committee), June 2018 – October 2020.
- Appointed as the Sports committee head of I2IT for 2019-2020, Event head for Soccer at Askara, I2IT, Inter College Sports Fest, January 2020.
- Volunteered and organized Blood Donation Camp, Mahatma Gandhi Jayanti Cleanliness drive through NSS (National Social Service) September 2016-June 2019.