SOHAM RAJPUT
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Detail-oriented Software Engineering professional, with experience in data science, testing and automation. A highly skilled problem-solver and effective communicator, with demonstrated ability to explain complex software and technical issues to customers and clients.

SUMMARY OF QUALIFICATIONS

- Software Engineering Technology - Artificial Intelligence Advanced Diploma candidate, who holds a Bachelor of Engineering in Information Technology
- Both logical and analytical with the proven capacity for creativity and out-of-the-box solutions
- Supportive team player with a focus on collaboration, team-building and customer relations
- Quick-learner with ability to learn and apply new concepts quickly and effectively
- Excellent verbal and written communication skills with fluency in English & Hindi

TECHNICAL SKILLS

- Knowledgeable with Python, Java, C++, MySQL, Linux/Unix bash scripting, MEAN software stack
- Hands-on experience with Redis, Selenium, Flask / Django, and AWS Cloud Services
- Skilled with operating systems, databases, computer networks, and information security
- Specialize in predictive analysis, object-oriented software design, user-oriented interface design, algorithm concepts, and data warehouse & data mining techniques
- Ability to design and develop various kinds of software applications, human-computer interfaces and enterprise information systems

RELATED WORK EXPERIENCE

Data Science Intern   Builder.ai (Formerly Engineer.ai), Gurugram, India   May 2019 - July 2019
- Supported Engineering team to build an automated enterprise-level slack bot for corporate use
- Built an Automated Cost Updater for different (AWS) EC2 instance types
- Created REST API in Python using Django, using technologies like Redis for caching and Selenium webdriver, and using AWS API (boto3)

EDUCATION

Advanced Diploma in Software Engineering Technology - Artificial Intelligence   Sept. 2021 - Present
Centennial College, Toronto, ON   *GPA: 4.29/4.5*

Focus: Software Systems Design, Machine Learning, Testing & QA, Web App Development, Data Structures

Academic Projects:
- Created a web application for displaying personal profile using MEAN stack
- Developed a web application for displaying books database with login / logout / register functionality only for logged-in users using authentication and session information

Bachelor of Engineering in Information Technology   Aug. 2016 - Sept. 2020
University of Delhi, New Delhi, India
- Thesis: Applying Classification based on Association (CBA) rules on diabetes/heart disease datasets

OTHER PROJECTS

- Made a handwritten digit recognizer web application trained using convolutional neural networks over MNIST handwritten dataset
- Developed a serverless Slack bot using AWS Lambda and AWS API Gateway
- Created an ensemble model to combine predictions of several classifiers to predict diseases

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OTHER WORK EXPERIENCE

Sandwich Artist   Subway, Toronto, ON   Dec. 2021 - Present
- Greet and serve customers in a high-volume, fast paced environment
- Prepare orders (in person, phone and app deliveries) with accuracy, maintaining all health and safety protocols, as well as food preparation standards

PROFESSIONAL DEVELOPMENT

- AWS (Amazon Web Services) Certified Solutions Architect - Associate
- Coursera – Machine Learning (Stanford University)
- Coursera – Neural Networks and Deep Learning (deeplearning.ai)
- Coursera – Mathematics for Machine Learning Specialization (Imperial College London)