

Aman Preet Singh

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TECHNICAL SKILLS

LANGUAGES & TOOLS: Python (Pandas, Scikit-learn, Keras, Flask), Java, JavaScript, C++, C#, MySQL, PostgreSQL, Amazon DynamoDB, Docker

CLOUD STACK: Typescript, React, Redux, PHP, Node JS, Django, HTML, CSS, AWS, Serverless, AWS Lambda

CONCEPTS: Time Series Forecasting, Productionizing models, Recommendation Engines, Customer Segmentation, Restful APIs, Data Structure

EDUCATION

UNIVERSITY OF MANITOBA | Winnipeg, MB

Bachelor of Computer Science | Mathematics - Minor

WORK EXPERIENCE

Undergraduate Researcher | *University of Manitoba* | Winnipeg, MB

JAN 2023 - APR 2023

- Developed behaviour analysis models for a gaming project.
- Refined AI models to predict user cognitive skills with 95% accuracy.

Data Science Intern | *Infogain India Pvt. Ltd.* | Noida, UP (Remote)

MAY 2022 - SEP 2022

- Serialized Python Regression models using Pickle to transport data over the network effectively.
- Developed 10+ end to end BI reporting solutions using Power BI, Python for a large global automotive industry for their workflows failure analysis, customers centric analysis, and process mining.
- Automated complete data analysis workflow for report generation using Python, SQL, with extensive data cleaning and standardization pipelines for data extracted from 20+ software vendors.

Data Science Intern | *Data Glacier* | Prayagraj, UP (Remote)

MAY 2021 - SEP 2021

- Serialized Python Regression models using Pickle to transport data over the network effectively.
- Refined client data using preprocessing to maximize accuracy of Machine learning models.

PROJECTS

Mobile Application - React Native - Javascript - Bootstrap - NoSQL - Web Scraping - Git - RESTful API

- Developed a multi-platform Android and IOS application using React native framework.

Github Issue Prediction - Python - Pandas - Keras - Scikit learn - kernels - Git - Machine Learning - Json

- Utilized different AI models and GitHub's API to create an efficient bug tracking software for GitHub repositories.

LinkedIn Application Automation - Python - Selenium - BeautifulSoup - Flask API - Web Scraping-Docker

- Developed Python Scripts to Automate the Application process on LinkedIn with Easy-Apply feature.

CERTIFICATIONS

- **AWS Cloud Solutions Architect Professional Certificate**

Cloud Computing Architecture, AWS Cloud, Cloud Computing Security

- **Financial Analysis of Organizations**

Financial Accounting, Financial Analysis, Data Analysis