

Feroz Khan

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EDUCATION

University of Washington

Master of Science in Information Management

Seattle, WA

Sep. 2024 – Aug 2026

Rajiv Gandhi Proudyogiki Vishwavidyalaya (RGPV)

Bachelor of Technology in Information Technology

Bhopal, India

Aug. 2018 – June 2022

EXPERIENCE

Associate Consultant

Oracle Financial Services Software

July 2022– June 2023

Pune, India

- Provided technical support and monitored payment processing in payment applications for a leading European bank
- Coordinated with cross-functional teams to resolve 50+ high-priority technical incidents affecting payments with high customer impact
- Delivered 70+ comprehensive reports using Database and MS Office tools enabling data-driven decision-making processes among business stakeholders

PROJECTS

Machine Learning based Test Score Predictor | *Python, AWS, Docker*

June 2024 - July 2024

- Developed an end-to-end machine learning solution to predict students' exam performance based on factors such as parental background and course completion, achieving 84% accuracy
- Deployed the application on AWS using Elastic Beanstalk and managed continuous integration and deployment pipelines with GitHub Actions and Docker
- Utilized AWS services such as ECR and EC2, and implemented Docker for environment management and deployment.

Mental Health Analytics | *Python, Flask, Streamlit, MySQL, Git*

Aug. 2021 – Oct. 2021

- Initiated and implemented an ML app that leverages Cognitive Behavioural Therapy techniques to track and analyze mental health trends in rural India, displaying infographics to aid professionals during online consultations
- Conducted comprehensive market research to identify gaps in existing mental health applications and tailored the development approach to meet the specific needs of the target audience
- Successfully led team presentations through three rigorous rounds to secure a position as national finalists among over 600 participating teams, demonstrating effective teamwork

Mid-Day Meal Analytics | *Python, MySQL, Git*

Jan. 2020 – Mar. 2020

- Addressed accountability inefficiencies in the world's largest school meal program– the mid-day meal scheme - by developing alert and report mechanisms
- Implemented a binary classifier in Python to distinguish between different varieties of Indian bread, ensuring meal quality and compliance with dietary standards
- Led a four-member team in the budget analysis and operational mechanisms within set financial constraints

TECHNICAL SKILLS

Languages: Python, R, C++, SQL (MySQL, PL/SQL)

Frameworks: Spring Boot, Flask, Docker, AWS Services

Developer Tools: Git, Docker, Jenkins, AWS Elastic Beanstalk, GitHub Actions, Visual Studio Code

Libraries: Pandas, NumPy, Matplotlib, Seaborn, NLTK, scikit-learn (Python); ggplot2, dplyr, tidyr, httr, MASS (R)

ACTIVITIES AND AWARDS

- Emerged **Best Delegate** at the International Model United Nations (MUN) at WHO Committee
- Recipient of the **Chancellor's Scholarship Merit Award** for academic excellence during undergraduate studies
- Actively built an **art portfolio**, featuring diverse creative projects, highlighting strong visual communication skills