Almer Muneer

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EXPERIENCE

Software Developer Intern — May 2023 – Aug. 2024
INVIDI Technologies Corporation — *Edmonton, AB*

- Played a key role in the design and execution of a database migration project, transitioning production environments from Ignite to **PostgreSQL**. This migration laid the foundation for transitioning from a single-tenant to a multi-tenant architecture, enhancing scalability and operational efficiency
- Developed and maintained batch processing systems and **REST APIs** using **Kotlin**, containerized with **Docker**
- Managed **AWS** services for storage, compute, and networking, utilizing **Terraform** to automate infrastructure provisioning, reducing setup time by 25%
- Implemented metrics, logging, and monitoring solutions using **Datadog** to ensure service reliability
- Provided on-call support for production environments, demonstrating quick problem-solving and troubleshooting skills to minimize downtime and ensure service continuity.
- Enhanced presentation skills through regular delivery of sprint reviews to key stakeholders, showcasing team progress
- Demonstrated leadership capabilities by mentoring and guiding new interns within the team, contributing to their successful integration

Data Analyst Intern — June 2022 – July 2022
Abu Dhabi Islamic Bank — *Abu Dhabi, UAE*

- Completed a coding case study to analyze factors influencing customer subscription to term deposits using **Python** and **Postman**
- Utilized applications like **Power BI** to conduct functionality testing of specific features within the bank
- Acquired knowledge about microservice and monolithic architecture from a data perspective, as well as the architecture of Data Lake and analytic systems in **Azure** Cloud

Academic Tutor — May 2022 – Present
GoStudent — *Remote*

- Tutored 100+ students in Computer Science, Mathematics, and Statistics
- Adapted to students' needs by communicating with them regularly
- Developed customized learning plans to enhance students' understanding and performance in complex topics

PROJECTS

Meal Planner | *Java, Git, Firebase* | GitHub Link

- An app that tracks groceries and allows for convenient addition of items to the shopping cart while keeping track of product expiry dates
- Facilitates meal planning with easy access to a recipe book and additional features to enhance user experience

Social Distribution | *Python, Django, HTML, CSS, JavaScript, Git, PostgreSQL* | GitHub Link

- Developed a social networking website where users can create, like, comment, and share posts with their friends
- Created REST APIs that communicate with other social networking apps
- Engaged in pair programming to efficiently implement core features and improve code quality

EDUCATION

University of Alberta — Edmonton, AB
Bachelor of Science Specialization in Computer Science — *Sep 2020 – Apr 2025*

- **Coursework**: Software Development, Object Oriented Programming, Database Management, Machine Learning, Artificial Intelligence, Data Structures and Algorithms, Web Applications and Architecture

TECHNICAL SKILLS

Languages: Java, Kotlin, Python, C++, C, SQL, HTML/CSS
Frameworks/Libraries: Django, JUnit, NumPy, Matplotlib
Developer Tools: AWS, Postman, Git, Docker, Terraform, Jira, Swagger, Android Studio
Miscellaneous: Code review, Agile, REST, Scrum, Relational Databases, CI/CD, Test-driven development