**HARSH SUBHASH SHARMA  
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**Professional Summary**

Aspiring AI & Cloud Engineer with expertise in SQL, PL/SQL, Python, AWS, and Android development. Strong foundation in data engineering, machine learning, and cloud computing with hands-on experience in AI-driven chatbots, reinforcement learning, and mobile applications. Passionate about solving complex problems through innovative technologies.

**Technical Skills**

* Programming: Python (pandas, NumPy, scikit-learn, TensorFlow, PyTorch), SQL & PL/SQL (Oracle), Java, Kotlin
* Cloud & Data Engineering: AWS (Lambda, DynamoDB, Comprehend, Pinecone, IAM), PySpark, Data Warehouses & Data Lakes
* Machine Learning & AI: NLP (AWS Comprehend, Chatbot Development), Deep Learning (Keras, CNNs, Reinforcement Learning), Clustering (K-Means, PCA, Anomaly Detection)
* Android & App Development: Jetpack Compose, MVVM, Room, Retrofit, Navigation, Google Maps API

**Work Experience**

**AI Capstone Project (AI-Based Interview Question Generator)**

***Project | Ongoing***

Developing an **AI-powered Interview Question Generator** that extracts key skills from resumes using **AWS Comprehend**, retrieves relevant questions via **Pinecone Vector Search**, and provides a RESTful API for seamless integration.

**Scan Coordinator**

*Food Basics | July 2023 – Present*

Managed **product pricing and inventory accuracy** ensured **data integrity** in POS systems through audits and collaborated with team members to improve workflow efficiency and reduce pricing errors.

**Education & Certifications**

**Postgraduate Diploma in Software Engineering & Artificial Intelligence**

Centennial College | *Expected Completion: 2025*

**Certifications**

* The Complete Oracle SQL Bootcamp (2024) – Udemy
* Crash Course on Python (2020) – Google (Coursera)
* AWS Certified Cloud Practitioner (Planned)

**Projects**

Coffee Shop Chatbot (NLP, AI)

Lunar Lander Simulation (Reinforcement Learning)

Weather App (Android, API, Room)