NIHAL HUSSAIN P

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OBJECTIVE

Detail-oriented Artificial Intelligence Engineer with expertise in AI, machine learning, data science, and web development. Adept at leveraging Python and advanced technologies to drive impactful solutions and contribute to innovative projects. Seeking to apply technical skills to solve complex problems and advance in the field of AI and technology.

EDUCATION

Bachelor of Artificial Intelligence and Machine Learning,
Visvesvaraya Technological University (VTU)   Expected 2025

SKILLS

Technical Skills	Python, Java, C, HTML, CSS, JavaScript, Machine Learning, Generative AI
Soft Skills	Effective Communication, Team Collaboration, Problem Solving, Strong Work Ethic

EXPERIENCE

Full Stack Intern   Oct 2023 - Nov 2023
Inventeron Technologies and Business Solutions LLP   *Bangalore, India*

- Improved web development processes, resulting in a 75% increase in performance using HTML, CSS, and JavaScript.
- Led a project that enhanced user engagement by 65%.

Android App Developer Intern   Oct 2022 - Oct 2022
Genesis   *Bangalore, India*

- Advanced Android app development, leading to a 60% increase in application performance using Java, Kotlin, and C.
- Managed an app development project that improved user satisfaction by 75%.

PROJECTS

Breast Cancer Classification with QSVC: Implemented a Quantum Support Vector Classifier (QSVC) to classify breast cancer cases as malignant or benign. Enhanced classification accuracy by leveraging quantum computing techniques on a comprehensive patient dataset.

Music Application: Developed a cross-platform music app with Java for backend, C for audio processing, and Kotlin for Android. Achieved high performance and user satisfaction across multiple platforms.

Social Media Data Analysis: Conducted web scraping and data analysis using BeautifulSoup, Scrapy, Scikit-Learn, and Pandas. Identified key trends and patterns in social media activity for strategic insights.

ACHIEVEMENTS

- Earned **"IBM Certified: Python for Data Science"**, highlighting proficiency in data science. (Certificate)
- Achieved **"IBM Certified: Machine Learning with Python"**, demonstrating expertise in machine learning. (Certificate)

LEADERSHIP

Project Leader, Quantum Support Vector Classifier   Jun 2024 - Jul 2024

- Developed and partially implemented QSVC for breast cancer classification. Utilized quantum computing for enhanced diagnostic accuracy.

IEEE Technical Head   Present

- Oversaw technical operations including website development, maintenance, and social media management. Enhanced digital presence and streamlined web processes.

EXTRA-CURRICULAR ACTIVITIES

- Coordinated **UNSCRAMBLE** and **Matrix Fusion** events by the Department of Artificial Intelligence and Machine Learning, collaborating with Yen-Artificia.

- Led **UNSCRAMBLE 2.0**, a 24-hour national hackathon, and **Matrix Fusion 2.0**, a technical event, demonstrating leadership and organizational skills.

- Participated in **Sankalp'2024**, an 8-hour hackathon showcasing problem-solving and teamwork abilities.