

Meer Hashaam Khan

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RESEARCH WORK

Research Intern - Fast NU

01/01/2024 – Present

Under Dr. Khubaib Amjad Alam

- Designed and implemented a code comment classification system with BERT transformers.
- Analyzed system performance and generalization ability.
- Proficient in NLP, ML, and software development.

EXPERIENCE

Software and Planning Engineer

Aug. 2024 – Present

Love Furniture Ltd.

- Developed and customized modules within the Odoo ERP system using Python.
- Built and optimized backend systems ensuring scalability and maintainability.
- Integrated Odoo with third-party applications to enhance business workflows.
- Analyzed application performance, optimized database queries to improve response times.

Fellow Software Engineer

Aug. 2024 – Oct. 2024

Headstarters.ai

- Led full-stack web development with Python backends and React.js frontends.
- Applied NLP techniques for sentiment analysis and text classification.
- Built and deployed AI-powered applications using Flask and Django.

Information Technology Intern

HBL Bank Ltd.

Islamabad, Pakistan

- Acquired hands-on experience within the banking sector while contributing to various IT projects.
- Engaged in diverse facets of the IT department, particularly assisting in data analysis and reporting tasks to support organizational objectives.

Teacher Assistant

Jul. 2023 – Jan. 2024

Fast NUCES

Islamabad, Pakistan

- Assisted in grading and conducting sessions on JavaFX.
- Provided technical support and feedback to students on assignments.

Lab Demonstrator

Jan. 2023 – May 2023

Fast NUCES

Islamabad, Pakistan

- Guided students through OOP lab tasks, fostering understanding and achievement.
- Offered technical support during lab hours, ensuring smooth learning experiences.
- Assisted instructor with administrative tasks for efficient lab operations.

Event Management Intern

Mar. 2022 – Aug. 2022

Bookme

Islamabad, Pakistan

- Managed the Expo and technical conferences at Future Fest.
- Collaborated with PCB and Bookme to oversee ticket management and event organization.
- Recognized with the top ambassador awards for exceptional performance and dedication.

PROJECTS

Kubernetes-Based CI/CD Pipeline Project

- Designed and implemented a comprehensive CI/CD pipeline using Kubernetes, Jenkins, and Docker to streamline application deployment and management.
- Integrated automated testing frameworks such as Selenium and JUnit to ensure code quality.
- Conducted thorough pipeline performance and scalability analysis.

Code Comment Classification

- Designed and implemented code comment classification system using Python, Java, and BERT transformers.
- Conducted thorough analysis of system performance and generalization ability.

Flight Reservation System

- Developed a flight reservation system featuring a graphic user interface in Java.
- Implemented using Java Swing, incorporating various OOP principles.

Hostel Management System

- Engineered a hostel management system tailored to student needs.
- Leveraged JavaFX and Scene Builder to craft intuitive frames for seamless user interaction.

Car 'o' Clock

- Developed a dynamic website utilizing JavaScript, HTML, and CSS.
- Deployed the website using AWS to ensure accessibility and reliability.

TECHNICAL SKILLS

Languages: Python, Java, C, C++, JavaScript, HTML, CSS, MERN

Frameworks: React, Flask, Django, Node.js, Odoo

Tools: Docker, Kubernetes, Jenkins, Git, VS Code, IntelliJ

Databases: MySQL, SQL Server, Oracle DB

AI/ML: NLP, BERT, Transformers, CNNs

COURSES

Introduction to Python - DataCamp

Introduction to Pen-testing - TryHackMe

Financial Literacy Training Programme - State Bank

LANGUAGES

Urdu: Native

English: Fluent (C1/C2)

German: Beginner (A1.1)

EDUCATION

National University of Computer and Emerging Sciences

2020 – 2024

Bachelor in Software Engineering

EXTRA-CURRICULAR ACTIVITIES

Career Crafters Ambassador Apr. 2023 – Jul. 2023

Internship at Pompak Apr. 2022 – Jun. 2022

Discord Manager Sept. 2021 – Dec. 2021