






# Taaha Hussain Khan Machine Learning Engineer

 taahahussainkhan  taahahussainkhan  +92-310-4515488  taaha128@gmail.com

 Lahore, Pakistan

## EDUCATION

### University of Central Punjab,

Bachelor of Computer Science

2021 – present | Lahore, Pakistan

- **Cumulative GPA:** 3.68 ( 6 Semesters)
- **CS Coursework:** Data Structures and Algorithms, Object-Oriented Programming, Assembly language, Big Data, Computer Vision

## WORK EXPERIENCE

### Bookme, Tech Intern

Jul 2024 – present | Lahore, Pakistan

- Collaborating with cross-functional teams to gather requirements and feedback.
- Designing and integrating APIs for smooth data flow between systems.
- Participating in agile development processes and sprint planning.

### GDG Cloud Lahore, Web Developer

Nov 2023 – Feb 2024

- Developed and maintained 12+ components for the Cloud Native Computing Foundation (CNCf) website.
- Spearheaded the implementation of React.js, Tailwind CSS, and Next.js to revamp the website, leading to a 30% increase in conversion rates and a 20% boost in user satisfaction.

### Bytewise, Frontend Web Intern

Mar 2023 – Jun 2023

- Worked on developing a real world project using React and Next.js
- Gained valuable hands-on experience in building and deploying web applications

## SKILLS

**Python Programming** — (Django, OpenCV, Scikit Learn, Seaborn, NumPy, Pandas, Matplotlib)

**Javascript Programming** — (React.js, Next.js, Node.js)

## CERTIFICATIONS

### CS50 Harvardx

Currently enrolled in CS50x, an online course offered by Harvard University

### Frontend Development

Completed a Front-End Web Development course on Coursera offered by Meta

## PROJECTS

### Barbell Exercise Tracker

- Implemented a machine learning model to track and analyze barbell exercises using computer vision techniques.
- Conducted extensive model evaluation and tuning to achieve high accuracy and reliability.

### Spam Email Classifier

- Developed a spam email classifier using natural language processing and machine learning techniques.
- Trained and evaluated various machine learning models, including logistic regression, SVM, and random forest, to identify the most effective approach.

### Kubernetes Community Days Lahore

- Spearheaded the development and maintenance of key components for the Cloud Native Computing Foundation (CNCf) website.

**Technologies Used:** React.js, Next.js, Tailwind CSS

## LEADERSHIP AND INVOLVEMENTS

### Core Pixel, Founder

Feb 2024 – present

- Founded CorePixel, a community dedicated to fostering learning, collaboration, and innovation in web development, with 80% of members reporting improved skills and knowledge in web development

### ACM - UCP, General Secretary

May 2024 – present

- Successfully organized and executed 3 events, attracting an average of 180 attendees per event, resulting in 10% growth in event participation compared to previous years.

### Blockchain Codefi Community, President

Jan 2024 – present

- Leading Blockchain Codefi community (UCP chapter), fostering collaboration and networking, with 500+ connections made through sessions

### Ejad Labs, Volunteer

- Volunteered as Registration Desk Manager for FutureFest 24', managing 10 volunteers, resolving 95% of registration issues

## INTERESTS

Problem Solving | Programming | Critical Thinking