

YASIR ALI

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Profile

I am an innovative and motivated Computer Science graduate skilled in a variety of domains, including web development, machine learning, Android app development, and software engineering. Proficient in technologies such as JavaScript, React JS, Node JS, Git, MongoDB, Kotlin, Java, WordPress, and Python, I have a strong track record of delivering impactful projects.

I've led the creation of projects like 'Student Collab,' pioneered real-time AI-object detection with a focus on faces, developed an Internet firewall, and crafted engaging Android applications, including the 'Pak Covid Info App.' With a proven ability to drive innovation and deliver high-impact projects, I'm well-prepared to contribute effectively to your team

Education

BS Computer Science, Sukkur IBA University, Sukkur

August 2019 — July 2023

I Completed My Degree with the scholarship of Sindh Endowment Scholarship.

Relevant Course Work: Object Oriented Programming, Data Structures, Database Management, Computer Architecture, Web Development, Android Development, Design and Analysis of Algorithms, Artificial Intelligence, Data Science, Machine Learning, Enterprise and Development.

Intermediate, Government Superior Science Collage, Khairpur Mirs

August 2016 — May 2018

Marks: 826/1100 (A Grade 75%)

Skills

Programming Skills: C++, Java, C#, Python, JavaScript

Web Development Skills:

Front-End: HTML, CSS, Bootstrap, JQuery, React JS, Typescript, Tailwind CSS

Back-End: Node JS, Express JS, Next JS, Flask.

Databases: MySQL, MongoDB, SQLite, Firebase

Machine Learning and AI Libraries/Frameworks: Keras, NumPy, Pandas, PyTorch, Scikit-Learn, Tensorflow.

Android Development: Kotlin, Java

Other Skills: Git, Github, Dockers, Kubernetes

Employment History

Web Developer at The Spark Foundation, Remote

March 2023 — April 2023

- Developed a full stack web application using modern technologies such as React, Node.js, and MongoDB.

Front End Developer at Oasis Info byte, Remote

April 2023 — May 2023

- Developed interactive web application with a modern front-end framework and an intuitive user interface.

Web Development Intern at Grow Intern, Remote

May 2023 — June 2023

- Designed and built a comprehensive web application entirely, encompassing both the user-facing front-end interface and the underlying back-end services.

Web Development Intern at Code Alpha, Remote

August 2023 — September 2023

- Developed a full stack web application from scratch, including front-end interface, and back-end services.

Web Development Intern at Intern Savy, Remote

August 2023 — October 2023

- Developed responsive and user-friendly websites and web applications using a variety of technologies, including HTML/CSS, JavaScript, React JS, Bootstraps, MongoDB, and MySQL.
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Projects

- **MERN CRUD OPERATION:** MERN CRUD operations enable creating, reading, updating, and deleting data in a web application using the MongoDB, Express.js, React, and Node.js stack
Link: https://github.com/yasirlashari/Android-Studio-Pak_covid-_info_app.git
Tools: HTML, CSS, React Js, JavaScript, Node JS, Epxress JS, MongoDB, Git, GitHub.
- **Pak Covid Info App:-** The 'Pak Covid Info App' is an Android application built with Kotlin that provides real-time COVID-19 data, news updates, vaccination information, and preventive guidance for users in Pakistan.
Link: https://github.com/yasirlashari/Android-Studio-Pak_covid-_info_app.git
Tools: Kotlin , Android Studio , API for COVID-19 statistics , Google Maps API, XML for layout design, Git, Android Emulator, physical Android devices
- **Internet Firewall:** This project utilizes machine learning to analyze network traffic data, employing models like Random Forest, J48, Naïve Bayes, k-Nearest Neighbors, and Artificial Neural Networks to classify firewall actions in multi-class scenarios, using a dataset from with an emphasis on practical security and antivirus applications.
Link: <https://github.com/yasirlashari/Internet-Firewall.git>
Machine Learning Models: Random Forest, J48, Naïve Bayes, k-Nearest Neighbors, Artificial Neural Networks
Dataset Source: '<https://archive.ics.uci.edu/ml/datasets/Internet+Firewall+Data>'
Evaluation Metrics: Accuracy, Precision, Recall, F-measure, ROC

- **AI Object Detection Tool:** Object detection is a computer vision technique for locating instances of objects in images or videos. Object detection algorithms typically leverage machine learning to produce meaningful results.
Link: <https://github.com/yasirlashari/AI-Object-Detection-project.git>
 - **CHARITY_FOR_HUMANITY:-**https://github.com/yasirlashari/Charity_for_Humanity.git
Tools:- Html , css , Javascript.
 - **PAYMENT_GATEWAY_INTEGRATION:-**
https://github.com/yasirlashari/Payment_gateway_integration.git
Tools:- Html , css , Javascript.
 - **PIZZA_DELIVERY_APP:-**https://github.com/yasirlashari/Pizza_DELIVERY_APP.git
Tools:- Html , css , Javascript.
 - **BANKING_SYSTEM:**https://github.com/yasirlashari/Bank_System_Task_By_The_Spark_Foundation.git
Tools:- Html , css , Javascript.
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Courses

- **TypeScript in React, Coursera**
January 2023 — February 2023
- **Learn React, CodeCademy**
February 2023 — April 2023
- **Learn JavaScript, CodeCademy**
December 2022 — January 2023
- **Meta Front-End Developer, Coursera**
January 2023 — March 2023
- **Learning Full-Stack JavaScript Development: MongoDB, Node, and React, LinkedIn Learning**
July 2023 — July 2023
- **Node.js Backend Basics, Coursera**
February 2023 — March 2023
- **Introduction to Java, Coursera**
July 2021 — July 2021
- **Android Seekho Season 1, Google Developers**
August 2021 — August 2021
- **Android Seekho Season 2, Google Developers**
May 2023 — June 2023
- **Introduction to Python, DataCamp**
November 2022 — December 2022
- **Python for Machine Learning, Coursera**
January 2023 — February 2023