

Muhammad Lal Ahsan

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Education

FAST National University of Computer and Emerging Sciences
Bachelors of Science in Computer Science

CFD Campus, Pakistan
August 2017 – June 2022

Experiences

Adrightly

React Developer

Faisalabad, Pakistan
September 2022 – March 2023

- Developed web applications using React js.
- Built a Food App from scratch that displays items in categories using React components.
- Developed and maintained React applications using API methods for data retrieval.
- Worked on user and product modules to manage data and improve the user experience.
- Converted HTML templates to React components to enhance performance.
- Developed a module that syncs data from Shopify to the Shopilam using React and Node.js.
- Collaborated with designers and backend developers to implement and improve new features.
- React animation using Framer Motion.

General Secretary

FAST Goonj Society

CFD Campus, Pakistan
August 2021 – Dec 2021

- FAST Goonj Society is a welfare society under FAST University
- Managed various welfare activities for the FAST Goonj Society, including blood donation, books stall, cake baking, and plantation projects.
- Successfully raised funds for SOS Village, a non-profit organization that supports orphaned and abandoned children.
- Collaborated with other members of the society to plan and execute various events and activities, developing strong organizational and leadership skills.
- Made a positive impact on the community by supporting various charitable causes and making a difference in people's lives.

Projects

<https://sunergy.pk/> - **Solar Installation Company** *React Developer*

April 2022 - Present

- Developing and maintaining the company website using modern web technologies such as HTML, CSS, JavaScript, bootstrap and React.
- Creating user-friendly and responsive designs to showcase the company's products and services effectively.
- Implementing search engine optimization (SEO) techniques to improve website visibility and attract more traffic.
- Working closely with the company stakeholders to understand their requirements and implement solutions that meet their needs.
- Collaborating with the marketing team to create and launch successful digital campaigns that drive website traffic and generate leads.
- Monitoring website analytics using tools such as Google Analytics and providing insights to improve website performance and user experience.
- Keeping up-to-date with the latest web development trends and technologies to ensure that the website stays current and relevant.

<https://shopilam.com/> - **Shopify Store Merger** *React Developer*

February 2023 – March 2023

- Shopilam is a web project that offers services to Shopify users.
- Shopilam helps Shopify users to enhance their online store on a single platform.
- Developing and maintaining an inventory management system using modern web technologies such as HTML, CSS, JavaScript, and React.
- Creating a user-friendly interface that enables users to manage inventory levels, order products, and track shipments.
- Monitoring system performance and identifying areas for improvement to optimize efficiency and reduce costs.
- Keeping up-to-date with the latest web development trends and technologies to ensure that the system stays current and relevant.

Food App - Category Display System *React Developer*

Oct 2022 – Nov, 2022

- <https://gitlab.com/AhsanBaryar/foodapp>
- Developed a Food App that displays food items in categories using React components.
- Collaborated with the backend development team to integrate React components with API endpoints.
- Converted HTML templates to React components to enhance performance and modularity.
- Optimized the app for performance and scalability using React best practices and tools.

Stokify - Inventory Management Application *Final year Project*

September 2021–June 2022

- Developing and maintaining the Stokify inventory management application using the MERN (MongoDB, Express, React, Node.js) stack.
- Developing a user-friendly web interface that allows users to view inventory levels, request products, and track orders.
- Implementing user authentication and access control to ensure that only authorized personal(Staff and Students) can access sensitive data.
- Working with the team members to design and implement the application architecture, using best practices to ensure scalability, maintainability, and performance.

COVID-19 Management System *Semester Project*

August 2020 – December 2020

- Developing and maintaining the COVID-19 management system using Oracle and C#.
- Designing and implementing a database schema that efficiently stores COVID-19 data, such as patient information, test results, and vaccination records.
- Developing a user-friendly desktop application interface that enables healthcare professionals to manage COVID-19 cases effectively.
- Implementing data analysis and reporting features to provide real-time insights into COVID-19 trends and help healthcare professionals make informed decisions.
- Working with the team members to design and implement the application architecture, using best practices to ensure scalability, maintainability, and performance.

Certificates

- **JavaScript Algorithms and Data Structures** (freeCodeCamp)
- **Attended PyCon(Python Conference)** (2017, 2018, 2019)

Skills

- **Web Development:** Html :: Css :: Bootstrap :: JavaScript :: React Js
- **Languages:** C++ :: Python
- **Databases:** MySQL

References

- **Mr. Shoaib Saleem Khattak** (Lecturer at National University of Computer and Emerging Sciences)

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