

M Abdullah Asim

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SUMMARY

Detail-oriented Computer Science graduate from FAST NUCES, Lahore, with practical experience in full-stack development and software engineering projects. Proficient in modern web technologies, including React.js, Node.js, Python, Java, and Spring Boot, with a strong foundation in database management (MySQL, Firebase). Adept at API integration, component-based development, and problem-solving. Eager to apply technical expertise in a dynamic IT environment to further develop skills and drive impactful solutions.

EDUCATION

- FAST - National University of Computer and Emerging Sciences** 2021 - 2025
Bachelor of Computer Science
 - Coursework:** Artificial Intelligence, Data Science, Natural Language Processing, Software Engineering, Web Programming, Software Testing, Data Structures, Oop

EXPERIENCE

- Systems Ltd** July 2024 - Aug 2024
Software Engineering Intern On-Site
 - Worked on full stack development with backend in Java SpringBoot. Created an e-commerce website with user and admin interfaces. Some features are listed below:
 - Admin: Manage Users, Manage Orders, Manage Products
 - User: View all products, Add to cart, Place orders after mock payment, Change profile settings.
- Infotech Pvt Ltd** July 2023-Aug 2023
Web Development Intern On-Site
 - Learnt component based development, routing in react,API Integration and fetching. Worked on multiple front-end projects including an e-commerce application, providing online purchase features using React Js.
 - Integrated an API to achieve the following features: Add to Cart Module, Discount Module, Items fetch and display, Product Rating Module, Randomized suggestions feature.

PROJECTS

- Final Year Project - Akhri Aramgah** August 2024 - May 2025
React Js, Node Js, React Native, Java, Flask, Firebase
 - An ecosystem of connected web and mobile applications to cater to the various stakeholders and use cases of the funeral and burial services sector.
 - Trained an AI model to detect facial embeddings to be used for the detection of unidentified dead bodies in morgues.
 - Trained an AI model by leveraging natural language processing to escalate complaints based on priority.
- DoorDash: A food delivery system** March 2025 - May 2025
React Js, Node Js,Express, MongoDB
 - Developed a food delivery system with user and admin modules
 - Implemented User module where user can view restaurants, view their menu and add items to cart
 - Implemented Add to Cart module, Mock Payment to place orders
 - Implemented Admin module where admin can view and manage users, restaurants, and orders
- FileSafe: A secure file sharing system** October 2024 - December 2024
React Js, Python/Flask, AES, AWS KMS, Firebase
 - Developed a secure file sharing system using React Js, Flask
 - Implemented AES based encryption and AWS Key Management Service
 - Implemented hashing to ensure file integrity
- E-Commerce Website** August 2024 - August 2024
Html, Css, Java, Springboot, MySQL
 - Developed a full stack E-commerce website made using springboot
 - User can view products, add to cart, make payment and place orders
 - Admin can view and manage users, products and orders
- Movie Guide** December 2023 - January 2024
React Js, API Integration
 - Developed a web app that fetches movies from an api and displays on home page
 - Implemented functionality to add/remove from favourites
 - Designed a page displaying details of selected movie
- Cricket Bazar: Player price predictor** September 2024 - November 2024
Python, Html, Css, Flask
 - Optimized AI model to predict cricket players auction price
 - Implemented Lasso Regression to achieve highest accuracy
 - Deployed the model using Flask for backend and HTML,CSS for frontend

SKILLS

- Programming:** Python, C++, C, Java, SQL
- Web Technologies:** Html, Css, JavaScript, React.js, Node.js, Spring Boot, Flask
- Databases:** MySQL, Firebase, MongoDB