Mariya Akhtar

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PROFILE

Result-oriented with proficiency in various technology platforms, programming languages, aptitude and reasoning skills. Competence to thrive in a collaborative environment with efficacious communication. Unceasing efforts to achieve strongly organized and evaluated results.

EDUCATION

OSMANIA UNIVERSITY

Bachelor of Engineering in Computer Science

June 2019 | Hyderabad, India
GPA: 3.8 / 4.0 (First class honours)

Extensive Coursework in:
Programming in C/C++,
OOP using Java,
Database management systems,
Web programming and services,
Logic and switching theory,
Artificial intelligence,
Data mining,
Software quality and testing,
Data Structures and Algorithms,
Operating Systems

Roles on campus:
Member at Indian Student Organization, Lead Organizing Committee Member for MCET annual events, Event Coordinator at Engineers Day events

INTERNATIONAL INDIAN SCHOOL, JEDDAH

Grad. June 2015 | Jeddah, Saudi Arabia

SKILLS

LANGUAGES

Java • C • C++ • Javascript • CSS3 • HTML5

TECHNOLOGIES

MySQL • Git • Adobe XD
React • Android Studio

EXPERIENCE

SOFTWARE ENGINEER INTERN | Nunu Traders

June 2021 - November 2021 | Hyderabad, India

- Deployed core data structures and algorithms using Java and assessed code reviews.
- Collaborated with team on conceptualizing application design and optimization.
- Crafting use cases that meets standards and delivered desired functionality.
- Drafted documentation that met applicable standards ensuring accuracy and clarity.

WEB DEVELOPER | Self-employed

September 2020 - April 2021 | Hyderabad, India

- Developed interactive websites for businesses with user-centered design principles and effectively translate client requirements into application design.
- Designed using web development tools JavaScript,HTML5, CSS3, AdobeXD to create UX/UI approved content, helped in effectively boosting the traffic of website.

TECHNICAL PROJECTS

Heart disease prediction model | May 2019

- Led reaserach team of 3 to establish project scope and implementing machine learning algorithms for prediction of disease based on input.
- Performed data manipulation, cleaning and normalisation techniques on acquired dataset.
- Implemented logistic regression and calculated probability using regression coefficients obtained from model.
- Ensured proper documentation in all stages of product life cycle.
  Technologies used: Python, Anaconda, Jupyter Notebook, Git, HTML5, CSS3

Educational Android app | Jan 2019

- Spearheaded a 3-person development team to identify software requirements and creating wireframes.
- Executed an android mobile application that provides study material for various courses on Android Studio.
- Managed and stored user data through SQLite database.
  Software tools used: Android Studio, Java, SQLite, AdobeXD.

React API - Recipe | August 2018

- Developed a flexible and well-structured front-end architectural model to display recipes along with fetching data from an API to support it.
- Ensuring web design is optimized for smartphones and striking a balance between functional and aesthetic design. Technologies used: React JS

Student record system | March 2018

- Built a software application using C++ for storing and accessing student information conveniently mainly focusing on CRUD.
- Conducted agile model as a basis for developing software. Technologies used: C++

Library data management system | Oct 2017

- Built a data management system for successfully storing into account practical needs to maintain and facilitate easy access to information.
- Created ER diagrams, flowcharts and interactive use cases for effective flow of control and stratified understanding of data warehousing and manipulation. Technologies used: MySQL, Microsoft Visio.