Usama Sadiq

Full Stack Developer

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ABOUT ME

A full-stack developer having specialization in Node.js, React.js, MongoDB, and Express.js. My work focuses on creating scalable end-to-end systems in React with RESTful API integrations. Having hands-on experience in developing Backend API Endpoints in Node and integrating with frontend designs.

EXPERIENCE

Associate Software Engineer / Devsinc

2022 / April - December

- Implemented REST API in Nodejs and rails
- Integrated frontend with backend endpoints
- Performed CRUD operations using nodejs and mongoDb.
- Built responsive frontend styles using Reactjs and bootstrap.
- Refactored the existing code in react and backend
- **Tech Stack: Nodejs, Expressjs, Reactjs, MongoDb, ruby on rails**

EDUCATION

2018-2022
Bachelor of Computer Science
National University of Computer and Emerging Sciences

2015-2017
FSc (Pre-Engineering)
Govt. Boys Degree College Block 17, D.G Khan

2013-2015
Matriculation
Center of Excellence High School no 1, D.G Khan

SKILLS

- Node JS
- Express Js
- React JS
- Mongo DB
- Javascript
- Ruby on Rails
- SQL
- HTML
- CSS
- Bootstrap
- C++

PROJECTS

Final Year Project

Opportuner
A web-based job portal platform that provides a two-way recommendation system. It recommends the CVs of the job seekers to Companies according to their job post and it suggests the companies to Jobseeker according to their skill set.

- Implemented REST API in Nodejs
- Integrated frontend with backend endpoints
- Frontend and its styles were created using Reactjs and bootstrap
- REST API was built in express with nodejs backend.
- Frontend layout was built in reactjs with bootstrap.
- **Tech Stack: MongoDB, ReactJS, ExpressJS, NodeJS, Python**

Semester Projects

Covid Management System
A web-based management system used to manage records of the covid patients.

- Users could manage wards according to patient type:
  - Isolation Ward
  - Quarantine Ward
- Php and SQL were used to perform curd operations.
- Html and CSS and Bootstrap were used to create frontend.
- **Tech Stack: Html, CSS, Php, SQL, Bootstrap**

AI-Algorithms

- Implement algorithms like K-Means, K-Medoids, and ANN using python, pandas and numpy.
- **Tech Stack: Python, pandas and numpy**

Soft Clustering Project

- A console-based project in which soft clustering was performed.
- Implement algorithm for soft clustering using data structures in c++.
- **Tech Stack: C++, Visual Studio**

Library Management System

- A console-based project used to manage books and user data.
- Implements OOP concepts like encapsulation, abstraction, inheritance, and polymorphism in c++
- **Tech Stack: C++., Visual Studio**