BRINDHA R

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GitHub: https://github.com/brindhakuma/umaraaj

Education:

AVC College Of Engineering [2014-2018] - Tamil Nadu, India
Bachelor of Engineering – Electrical and Electronics Engineering, **CGPA: 7.43**

Internship(Innowave gdu pvt limited)[march-may(2025)]

Project Title: OTTPlatform Testing – Deutsche Project

- **Client**: Deutsche Telekom
- **Role**: Manual Tester
- **Tools/Tech**: Manual Testing, Jira / Excel, OTT platform, STB/Smart TV/Web App/Mobile
  Project Description**:**

An OTT (Over-The-Top) media streaming platform allowing users to stream video content on web, mobile, and smart TV devices. The platform supports features like video playback, user login, subscription plans, watchlist, and multilingual content.

Responsibilities:

- Performed functional, regression, and cross-platform testing across devices like STB, Smart TVs, web, and mobile platforms.
- Validated playback behavior, content availability, and UI components for regional and multilingual support.
- Managed test cases and execution and tracked defects in jira
- Participated in Agile ceremonies such as daily stand-ups and sprint reviews, and supported QA testing effort

Hospital Management System:

- Developed a web-based application to streamline hospital operations and manage patient doctor records.
- Implemented role-based access control for administrators, doctors, and patients ensure secure and personalized interactions.
- Built features for patient registration, appointment scheduling, medical history tracking, and prescription management.
- Integrated a user-friendly dashboard for administrators to monitor hospital resources, appointments, and staff details.
- Utilized Django's ORM for seamless database interactions and ensured data integrity through input validations.

Tech Used: Python | Django| Mysql | Html | Css | Javascript

Blog Application:
- Developed a full-stack blog platform with user authentication (registration, login) using JWT-based token authentication

- Designed and implemented RESTful APIs in Django for CRUD operations on blog posts, user management, and pagination
- Integrated frontend and backend seamlessly using Axios for API communication.
- Ensured secure user sessions and data handling with backend validation and JWThandling.

Tech Used: Django, Django REST Framework, React JS, MySQL, JWT,

Skills

- **Programming Languages:** Python, JavaScript
- **Front-End**: HTML, CSS
- **Databases,libraries and Framework:** MySql, Django, React,Pandas
- **Development Tools:** GitHub, Visual Studio Code, MS Word,Postman
- **DevOps (Basic):** Git, GitHub, CI/CD (concepts), Jenkins (basic), Docker (overview)
- **Course Work:** Object Oriented Programming, Data Structures and Algorithms, Databases
- **Soft Skills:** Communication, Quick Learner, Team Player, Problem Solving

Besant Technologies – Tamil Nadu 06/2024 – 12/2024

- Gained hands-on experience in writing SQL queries for data extraction.
- Completed training in manual testing and backend development focusing on python, django
- Completed advanced training in Front-End Development, focusing on HTML, CSS, JavaScript, and responsive web design.
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Technical Certification

- I have solved hackerrank problems using python
- Crash Course on Python data structure and algorithms (from udemy)