Roopashree Challa
Full stack Java developer

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Education	Masters in computer science from University of Central Missouri, Lee's Summit, USA 2023
References	Will be provided on request
Preferred Location	Anywhere in USA
Technical Skills	
Languages	Core Java, Advanced Java, Python, PHP, C++, C#
Data Bases	Oracle, MySQL, Apache server, DBMS, RDBMS, Mongo DB and XAMPP
Planning	Functional test planning
Tools	MS Word, Eclipse, Anaconda, Postman, ALM tool and Selenium tools, AWS, GitHub, IntelliJ
Frameworks	React JS, Node JS.
Cloud Platforms	Azure, AWS
Automation	Selenium tools
Scripting languages	HTML, CSS, PHP and Java Script.
Operating Systems	Windows, Mac-OS, Linux

Professional Summary

- Around **1+ years** of IT experience in Analysis, Design, Development, Testing and Support of JavaScript based web applications.
- Experience in end-to-end development of an application using **JavaScript, ReactJS, Node JS, and MongoDB.**
- Thorough knowledge in **SQL** and experience in **RDBMS like SQL and MySQL and NO SQL** Databases such as **MONGO DB** as well.
- Thorough knowledge on web services like **RESTFUL, GET, POST, PUT, PATCH** and **DELETE** methods**.** Manipulating Auth Headers using Tokens.
- Developed **Angular** controllers and experienced in implementing web applications.
- Strong development experience creating rich frontend UI in **JavaScript technologies using JavaScript libraries like jQuery, Node.js, ReactJS, Angular.**
- Responsible for creating efficient design and developing User Interaction screens using **HTML5, CSS3, Bootstrap, TypeScript, JavaScript**
- **Highly passionate and curious** about new Front-End development technologies and has ability in mastering them with a keen awareness of new industry developments.
- Involved in creating implementation planning, application development, testing, and support of application.
- Developing Web pages by using **HTML5, CSS3 with, ReactJS** and **Bootstrap** and responsive designs using media queries for different resolutions and devices.
- Have Knowledge on applications like VS Code, Putty, SQL Server, GitHub.
- Can implement complex queries in **MySQL** and familiar with stored procedures.
- Involved in **academic projects** using **Python, web technologies** to develop wed applications.
- I can solve the **AWS** platform.
- In **B.E**. did many mini projects regarding the requirements.

TECHNICAL SKILLS

WORK EXPERIENCE:

Accenture Solutions Private Limited, Bengaluru, India　　　　　**07/2021-07/2022**
Application Development Associate
Responsibilities:

- Analysing the business requirements and functional specifications.
- Responsible for the design, implementing and testing phases of **Software Development Life Cycle (SDLC) and used Agile Methodology.**
- Implemented **HTML5** feature like, local storage, data and required attributes and sliders.
- Used **CSS Sprites** to decrease the number of HTTP requests and load time of web pages.
- Implemented frontend application using **ReactJS, Redux** architecture. In Singleton Design pattern. Implemented Redux with Redux thunk.
- Used **HTML5, CSS3, Java Script, Bootstrap, ReactJS** and **NodeJS** as frontend building Environment.
- Implement the **JavaScript/jQuery** frameworks such as **React JS, Node JS** for **MVW/MVC** framework.
- Developed Rest API to store the information sent by users.
- Applied Object-Oriented Programming (**OOP**) principles by using Interface using typescript.

- Developed **POC**s using front end platforms.
- Used **AJAX** and **JSON** to make asynchronous calls to the project server to fetch data on the fly.
- Analyse the response of **JSON** in order to update **DOM.**
- Used React HTTP service to make **GET/POST/PUT/DELETE** to deal with API request and response.
- Participated in the status meetings and status updating to the management team.

Environment: HTML, CSS, JAVA SCRIPT, OOP'S, REACTJS, NODEJS, SDLC.

Tequed Labs Pvt Limited, Bengaluru, India   **08/2020-01/2021**
Role: Internship
Technology: Full Stack Wed developer
- **Travel Management System:**
    - The Travel management system allows the user of the system access all the details such as locations, events, etc. and play a vital role in planning the perfect trip. The system can also be used for professional and business trips.
    - This is used to book a tour from anywhere in the world by a single dynamic website which will help the user to know all about the places and tour details in a single website.
    - Did this project in internship period and learned about Full stack wed development.
    - A wed development application Using **HTML, CSS, JAVASCRIPT, BOOTSTRAP, REACTJS**.

PROJECTS UNDERTAKEN:

- **Women security database**:   **08/2019-12/2019**
    - "**Women security database**" scope of this project is very broad in terms of tracking system. It is online as well as offline system. The security website allows the women to about the nearest police stations in any area using GPS and GSM used in website for tracking. It helps to efficiently increase the security and safety of women.
    - Used Tools **XAMPP, Apache sever, MySQL database, HTML, CSS, JavaScript, Bootstrap, PHP** and Visual Studio Code for implementation.

- **Student Attendance Management System:**   **02/2020-07/2020**
    - This project deals with maintenance of the student's attendance details and it is basically time consuming, secure and reliable for the staff to keep track of the large number of student attendance and developed using **Python.**

- **Photography Booking Website:**   **08/2020-01/2021**
    - The user can view website and if the user is a photographer, then he/she can add their work in website. The admin can access and review it, they can even get ideas from the photographer.
    - The 'customers' is looking for a photographer then they can book the photographer.

- **Live Project-Cherry leaf disease detection:**   **02/2021-08/2021**
    - For my final year university dissertation, I worked with a team of three other classmates to develop a project "Cherry leaf disease detection" using machine learning and which infected image is given as input for the application, then pre-processing and feature extraction takes place finally the disease is identified using the classification techniques with accuracy.
    - This project greatly strengthened my conceptual knowledge on Machine learning, **OpenCV, NumPy**, Random Forest classification and other classification techniques. The website was created using **HTML, CSS** and **Django** and for the code we used python.

- **Marketplace**   **01/2023-05/2023**
    - The marketplace is a platform that helps Sellers and Buyers to sell or buy various items. The buyer can pay online with a credit card. The payment will be held in the central system and will not be sent to the seller immediately. Once the product has been delivered to the buyer and the buyer confirmed the product. If the buyer declares that the product is not in accordance with the agreement with the seller and the seller

is in error, the payment will be transferred back to the buyer's account immediately after buyer return the order.

- o A web application was developed by using **ASP.NET MVC and using MongoDB NoSQL Database, JavaScript, C#, Visual Studio** and **Mongo compass.**

CERTIFICATES AND TRAINING:

Industrial Training
- o The Complete Java Certification Course (Udemy)   **04/2020**
- o Full Stack Web Development (Tequed Labs)   **08/2020-09/2020**
- o Python for Beginners-Basics to Advanced (Udemy).   **05/2020**
- o Machine learning (Udemy)   **09/2020**
- o Data science with python workshop   **01/2020**
- o Cyber Security and Web Application Security Workshop   **06/2020**
- IBM Data Science Specialization   **02/2022**
  - o Learnt Data Science tools and methodology.
  - o Done python and SQL based mini projects.
  - o Completed a capstone project on applied Data Science.