RESHMA R

MERN STACK DEVELOPER

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ABOUT ME

I am a post-graduate in Bioinformatics with two years of research experience and a published paper. Transitioning to the software sector, I have strong skills in HTML, CSS, JavaScript, and React, alongside foundational knowledge of Express, MongoDB and Node.js. My analytical background and passion for learning drive me to create dynamic and user-friendly web applications. I am eager to contribute as a Full Stack Developer in a forward-thinking company, where I can apply my skills and grow further in the field.

SKILLS

PROFICIENT WITH:

• React • JavaScript • HTML • CSS •Git •Node.js • Express.js •MongoDB

FAMILIAR WITH:

• GitHub • Bootstrap • PostgreSQL • SQL • Figma • C ++ • Python • Django

PUBLICATION

Lekshmi Suresh, Raveendran R, Decruse W. **In vitro symbiotic seed germination in Vanda wightii, an endemic orchid species of Western Ghats, India supported by Ceratobasidiaceae isolates.** Plant Sci. Today [Internet]. 2023 Jul. 1 [cited 2024 May 22];10(3):375-84. Available from: Link to the publication

STRENGTHS

- Problem-solving
- Thinking outside the square
- Being a good team-player
- Good communication
- Punctual

PROJECTS

StyleSnap – E-commerce Website for Clothing

Developed the front-end using React for the customer-facing interface and React Vite for the admin panel, ensuring a smooth and responsive user experience.
Built the back-end using Node.js and Express, implementing RESTful APIs for handling product data, user management, and order processing.
Implemented user authentication and authorization using JWT tokens, ensuring secure access to different user roles (admin and customers).
Integrated dynamic features such as product filtering, shopping cart, and checkout functionality.
Utilized MongoDB for database management to store user and product information.

https://github.com/Reshmarpillai/StyleSnap_Clothing/tree/main

CulinaryQuest

Developed CulinaryQuest, a food recipe search application using React and Vite. Integrated the Spoonacular API for retrieving recipe data and utilized Postman for API testing. Designed and implemented the user interface with HTML and CSS to ensure a responsive and user-friendly experience. This project demonstrates my ability to create dynamic web applications and effectively manage API integrations.

https://github.com/Reshmarpillai/Culinary-Quest

To-Do App

Developed a To-Do App using React and Vite for task management. Users can list tasks, mark them as completed by clicking on them, and delete tasks as needed. Designed a clean and intuitive user interface with HTML and CSS to enhance usability and efficiency. This project showcases my skills in building interactive and responsive web applications.

reshmarpillai.github.io/Todo-App/

Slot Machine Project

Developed an interactive Slot Machine application using JavaScript. Users can deposit a specified amount and place bets per line. Implemented the game logic to handle betting, spinning, and payout calculations. This project demonstrates my proficiency in JavaScript and ability to create interactive web applications.

https://github.com/Reshmarpillai/slotemachine

MINI PROJECTS

- **Sign Up page -** Created a Sign Up and Sign In page using React. Implemented user authentication features, including registration and login forms, with validation and error handling. Designed the interface with HTML and CSS .
  Source:
  https://reshmarpillai.github.io/signup/

- **Quote Generator-** This is a mini JS program that generate famous quotes
  Source:
  reshmarpillai.github.io/quoteGenerator/

- **Palindrome Checker -**This is a mini JS program that check the user input is a palindrome or not
  Source:
  reshmarpillai.github.io/palindromeChecker/

- **Color Generator -**This is a mini JS program that generate different colors according to the button click
  Source:
  https://reshmarpillai.github.io/color/

- **Dutchbros Clone -** HTML, CSS, Bootstrap
- **Source:**https://github.com/Reshmarpillai/dutchbrosclone

ACADEMIC PROFILE

M.Sc. BIOINFORMATICS

Mar Athanasios College for Advanced Studies Tiruvalla (Accredited by NAAC with 'A' grade and Recognized by DSIR, Govt. of India) (Affiliated with MG University)
2017-2019 [CGPA : 2.73/4]

B.Sc. ZOOLOGY

St.Stephens College, Pathanapuram (Affiliated with Kerala University)
2014-2017 [CGPA : 7.37/10]

HIGHER SECONDARY EDUCATION

Govt. Higher Secondary School, Pattazhy (Kerala State Board) 2012-2014

HIGH SCHOOL EDUCATION

High School, kottavattom (Kerala State Board) 2012

WORK EXPERIENCE

Production Assistant
Plant Science Today -**Horizon e-Publishing Grou**p
 (April-2022 – April-2024)
- Managed the production workflow for Plant Science Today, coordinating with authors, editors, and reviewers to ensure timely and accurate publication.
- Oversaw editing, proofreading, typesetting, and layout design, maintaining high quality and adherence to journal guidelines.

Junior Research Fellow
Jawaharlal Nehru Tropical Botanic Garden And Research Institute
(15.02.2021 – 15.04.2022)
- Conduct research as part of the project "Exploration of Banana Biodiversity and its Biotechnological Research in Nagaland" (A250).
- Provide assistance to students in their final year projects and internships.

Research Assistant
Scire Science Private Limited
(21.01.2020 - 19.05.2020)
- Designed PCR primers and conducted molecular biology work using computational tools.
- Provided training to bachelor's and master's students on the use of bioinformatics tools.

ACADEMIC PROJECTS

Project on **"DATABASE DEVELOPMENT ON MEDICINAL PLANTS AND THEIR PHYTOCHEMICAL COMPOUNDS"** under the supervision of Dr.shailesh kumar and undertaken at National Institute of Plant Genome Research (NIPGR), New Delhi [2019].

Project on **"HISTOPATHOLOGICAL EFFECT OF ROUNDUP 41% A GLYPHOSATEHERBICIDE, ON TENOPHARYNGODON IDELLA"** under the guidance of Lt.Dr Koshi PM [2017].

DECLARATION

I hereby declare that all the information furnished above are true and correct to the best of my knowledge.

- Reshma R