Raja Rajeswari S

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Objective

Seeking a challenging position in a reputable organization to expand and utilize my learning, skills, and knowledge, particularly in backend development. I aim to contribute to innovative projects using technologies like Node.js, MongoDB, API development, and improve system performance and scalability.

Education

Master of Science in Physics, 2024
Kongunadu Arts and Science College (Autonomous), Coimbatore
Bharathiyar University | CGPA: 8.0

Bachelor of Science in Physics, 2022
Sri Sarada Niketan College of Science for Women, Karur
Bharathidasan University | CGPA: 9.3

Experience

Backend Development
Blue Silicon Infotech, Chennai
July 2024 – Present

- Gained practical experience in building RESTful APIs using Node.js and Express.js.
- Created basic CRUD (Create, Read, Update, Delete) operations connected to MongoDB databases.
- Learned how to structure backend code using MVC (Model-View-Controller) architecture for better maintainability.
- Practiced API testing using tools like Postman to ensure endpoints worked as expected.
- Worked on basic authentication and authorization features (login/logout functionalities) using JWT.
- Supported the team in debugging backend issues and understanding performance optimization techniques.
- Improved knowledge of version control systems by using Git and GitHub for project collaboration.
- Participated in code reviews and learned industry-standard coding practices.

Technical Skills

- **Backend :** Node.js, Express
- **Frontend:** HTML, JavaScript
- **Database:** MongoDB
- **API Development:** RESTful API
- **Tools:** Git, GitHub, Postman
- **Office Tools:** MS Word, MS PowerPoint
- **Additional Skills:** Typing Skills & Communication Skills

Academic Projects

- **Characterization Study – SFO/MnFO nanocomposite**
  Analyzed properties & applications
- **Li-Fi Technology working Model**
  Developed and presented a working model showcasing Light Fidelity (Li-Fi) communication technology

Academic Participation

- Poster Presentation about Characterization study- SFO/MnFO Nanocomposite

- Presented a Seminar paper entitled in the program International Conference on "Application of Nanotechnology in Life Science"

Certifications

- First Class with Distinction in Junior Grade Typewriting (English)

- Certification in Computer Application (CCA)

Languages

- English
- Tamil
- Kannada
- Malayalam