

Radha Manickam



Personal details

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Skills

- Back End - Asp.net Core C#, Razor Pages, Blazor, MVC, Web API, Java, Node.js, Express ●●●●●
- Front End - CSS3, Html5, Bootstrap, Tailwind CSS, Javascript ●●●●●
- Cloud Computing Service - Microsoft Azure Fundamentals, DevOps ●●●●●
- Database - Oracle, Entity Framework, MongoDB ●●●●●
- Project Management Tool - Agile, Scrum, Git, Trello ●●●●●

Projects

Learning Management System - It's a group project that we have designed in our course Asp.net. The project is about an LMS that simplifies and centralizes communication between teachers, universities, and students by collecting schedules, course materials, exercises,

About Me

I am a Junior Web Developer with a strong desire to develop software and all my life, I have had a great interest in technology and computers. Previously, I have had about 10+ years of experience in teaching at Computer Training Centers (Aptech), University (Pudukkottai Arts College) and Preschools (Futura International Preschools, Stockholm). During the Pandemic, I decided to change the industry to Programming/app development, which is what I truly wanted to do.

Skill Summary

- Developed various Web Applications using Asp.net core C#, Rest API, Blazor, MVC, Razor pages, Node.js, Express and services with Agile/Scrum methodology.
- Consorted with more than 30 Ph.D students in framing computerized calculation of their Research Papers using various computer languages.
- Supported many in their book writing process by doing mathematical operations and calculations as per client requirements.
- Passionate educator, having mentored many students and assisted in their educational progress.

Internships

Web Developer Aug 2022 - Present
Fieldflower Design & Engineering AB, Stockholm
Develop a Web Page using Node.js, Express, Tailwind CSS, and MongoDB, as well as integration with LinkedIn and Microsoft365.

Education

- Microsoft Certified -Azure Fundamentals** Apr 2022 - May 2022
- .Net Programmer and System Developer** Nov 2021 - Apr 2022
Lexicon, Stockholm
- Barn och Fritid Programmet** 2019 - 2020
KompetensUtvecklingsInstitutet,, Stockholm
- SFI, SVA Grund - Swedish language and literature** 2017 - 2018
ABF Komvux, Stockholm
- Master of Computer Applications** 1996 - 1999
Alagappa University, Karaikudi, India
- Bachelor of Science in Mathematics** 1993 - 1996
Bharathidasan University, Tiruchirappalli, India

Work Experience

- Substitute Teacher - Part time** Jun 2022 - Present
Bemannia AB (publ), Stockholm
 - Delivered personalized instruction to students by encouraging interactive learning
 - Integrating suitable use of technology in making student learning in a play way method
- Pedagogue** 2017 - 2021
Futuraskolan International School of Stockholm, Stockholm
 - Planned and supervised assignments and activities for students
 - Delivered personalized instructions to each student by encouraging interactive learning

assignments, and more information in one place - We designed this project using Asp.net core MVC, Razor Pages, and Entity Framework.

Industrial Machinery - During my course Asp.net, I was exposed to a development project to develop a Web application in Blazor Web Assembly as front-end and API in Azure- function as Backend and published via Azure DevOps. This has provided me with a considerable amount of exposure to building a CI/CD pipeline in DevOps.

Learning Management System API - I have developed an API as a Backend for LMS and The user should be able to make specific API calls to get information about courses and parts of courses (modules).

Parking System - I have built a parking system where the user can register and receive various memberships. Members can park a vehicle according to the availability of space and receive receipts. Done various validations for Number plates, Social Security numbers, etc.,

My Time

- Technical Skill
- Creativity
- Strong Communication
- Leadership
- Team Work Attributes
- Data Analysis
- Problem solving

My Strengths

- Expertise in Web Development
- Expertise in Data Analytics and Data Modelling
- Deep knowledge in both Mathematics and Computer programming languages
- Always willing to take bottom line responsibilities for critical projects

Technical Assistant

2005 - 2017

Freelancer writer, Stockholm

- Coordinated with students to develop mathematical calculations using computer software
- Consorted the team and provided support for mathematical queries
- Provided expert solutions in mathematical and statistical modeling

Educator

2003 - 2005

Aptech Computer Education, India

- Trained and instructed students, learners, and end-users in computer operations
- Taught various computer programming languages such as C, C++, Java, Javascript, VisualBasic, Oracle, Html, MS Office, etc.
- Evaluated and assessed student progress

Lecturer

2000 - 2003

Government Arts College, India

- Prepared and delivered lectures, tutorials, workshops, and seminars
- Collaborated with other academics and lecturers to improve teaching methods and expand the knowledge base
- Participated in meetings, conferences, and other events in and outside the institution

Certificates

Microsoft Certified - Azure Fundamentals

May 2022

.Net Programmer and System Developer

Apr 2022

Courses

Data Analytics

2021

Developed a web application App Rating Prediction by using Python. I constructed a Model to predict the app's rating using google play store database and python. Performed data cleaning, sanitation checks, univariate analysis, bivariate analysis, outlier processing, data processing. Using ML technique created Train test, model building with linear regression, Graphical form with Matplotlib.

Languages

Tamil



Swedish



English



References

References available upon request.