Amala Hema Francis
Software Web Developer

Mail: amalahemafrancis@gmail.com
Mobile:4128198682

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SUMMARY

With a year of IT experience, seeking for an entry level challenging career with a progressive organization which will utilize my skills, abilities, and my education to strive for my career and company's growth.

TECHNICAL SKILLS

Programming Languages	Angular, Java Script, Java, .NET, HTML/HTML5 and CSS3
Tools	MS Access, SQL, Microsoft Excel, Eclipse, Visual Studio Code
Software Development Methodologies	Waterfall, Agile
Version Control	GIT
Debugging Tools	Chrome Developer Tools

PROJECTS

Coursera Project: **Full Stack Web Development with Angular Specialization**
Year   :2021

Front-end Web UI Framework

- Developed UI framework using Bootstrap Grids and responsive design
- Used Bootstrap CSS and JavaScript components for various designs
- Used CSS preprocessors (Less and Sass) for reusable designs

Front-End JavaScript Frameworks: Angular

- Used various Angular components to design web page
- Using Angular Data Binding fetched required data in developed web page
- Worked with basic usage of MVC and MVVM, and DI.
- Applied Angular service and inject into a module and make use of it in the components.
- Enhanced web page using Angular Services, Routing and Single Page Applications

Server-side Development with NodeJS, Express and MongoDB

- Used Node.js Framework and NPM for building Node Modules and applications
- Developed Node modules and used them in a Node application and applied for Callback and Error handling functions
- Built a simple HTTP server using the Node HTTP core module to configure and start up web server.
- Implemented web server using the Express framework that support for the REST API
- Mongo DB installation and interacted using the mongo REPL shell.
- Configured Node application to communicate with a MongoDB server
- Constructed Mongoose schemas and models.
- Used REST API with Express API and communicated with Mongo DB , Mongoose ODM.
- Set up token-based User authentication with Passport, jsonwebtoken, and Express

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Project - Shipping Management (St. Xavier's College)   **Year - 2009**
- Making enhancements in Shipping application which includes Ports Information, Ships Information, Fare Information & payment details.
- HTML, CSS, SQL, ASP.net

Project - Postal Administration System (St. Xavier's College)   **Year -2009**
- Constructed an application with account opening, closing and interest calculation which are performed in postal Department.
- Java, Java Script, HTML, SQL

EDUCATION   **Year -2009**

MCA -Master of Computer Application, St. Xavier's College, Palayamkottai,India

CERTIFICATION

Full Stack Web Development with Angular Specialization
(IBM Coursera / THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY)

- Front-End Web UI Frameworks and Tools: Bootstrap 4
  - (https://coursera.org/share/211fd72bb8a6cf26ede9bdac6ccc3e80)

- Front-End JavaScript Frameworks: Angular
  - (https://coursera.org/share/62c2395c28c5421cb30cc1bc926c6e8d)

- Server-side Development with NodeJS, Express and MongoDB
  - (https://coursera.org/share/5fb7b91e5e9426c6fa955b28c32200c6)

- https://github.com/amalahema