ISHWARYA VENKATESAN

ASSISTANT SYSTEM ENGINEER
TATA CONSULTANCY SERVICES

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Qualification profile

Resourceful, focused and detail-oriented professional with 2 years' experience in the area of web development, including designing, programming, database queries and testing along with the knowledge in agile methodology.

Areas of expertise

Responsive Web Designing | Front End Programming – MVC Architecture | Object Oriented Programming | Database Management Systems | Data Structures | Software Development Lifecycle

Technical Acumen

Programming Languages – C#, C++, C, Java
Web Technologies – HTML5, CSS3, Bootstrap, JQuery, ASP.NET MVC, JavaScript, Angular JS, Web API, LINQ
Familiar Databases – SQL server, MySQL, Oracle

Professional Experience

TATA CONSULTANCY SERVICES (June 2016 - Present)

January 2018 – Present

Hedge Fund Services Portal – used by the business people to perform the back office operations for one of the leading Investment Banking Client and generate files which will be used in trading.

Responsibility

- To understand client requirements and define operations and roles for smooth running of the application.
- Developed model classes and table schemas as per the client requirements and performed business validations.
- Developed responsive web portal using ASP MVC, Web API and Angular JS.
- Designed database and written stored procedures in SQL Server.
- Responsible for assisting the business users in trouble shooting during the job delays/failures.
- Responsible for writing API and unit test cases using the MOQ Framework.

March 2017 – December 2017

Service Process Management Portal – used by Clients (American Multinational Financial Servicing Company) to view the problem related details and reports in the graphical view and by the business people for problem management activities like reporting the issues and maintaining the problem records for analysis.

Responsibility

- Acted as the first point of contact for the offshore team.
- Developed responsive web portal using ASP MVC, JQuery and Bootstrap.
- Used C# and LINQ to define and implement secure middle-tier components.
- Assessed co-developer codes to identify errors and prevent technical issues by performing end to end testing.
- Co-ordinated with the Onsite team for resolving issues.

June 2016 – February 2017

Major Incident Management Portal – used by the bridge managers to record on-going actions taken place on the bridge and by the incident managers to monitor, analyse and resolve the raised incidents for the client applications.

Responsibility

- Developed solutions for diverse programming scenarios in C# employing OOPS concepts like inheritance, polymorphism, abstraction and encapsulation.
- Developed front end using HTML, CSS3 and followed MVC Architecture.
- Responsible for developing web application utilizing SQL Server to perform logical business transactions.
- Responsible for assisting the bridge and incident teams in trouble shooting the issues and resolving the incidents.

Awards

- Awarded with **TCS ILP Kudos** for keen interest in learning & getting the good scores in assessments during Initial Learning Program.
- Awarded with **"On the Spot Award"** for possessing the better performance progress in the project.
- Awarded with **"Star Performer"** as an Appreciation for my work from Client.

Academic Projects

Black Spot Detection (Oct 2015 – Mar 2016)

- Achieved 50% efficiency over existing methods by developing a tool used to generate reports on highly accidental zone (Black Spots) which was funded by the Government of Tamil Nadu, India.
- Identified as **"Purposeful and innovative idea"** of the year by the Head of the Department.

Result Analysis (Oct 2014 – Jan 2015)

- Developed a web application using HTML, CSS, JavaScript and MySQL to analyse the semester results which could reduce the manual report generation work by 80%.

Achievements

- Awarded with **Gold Medal** for topping the Computer Science Department at Institution Level in IRTT.
- Awarded with **Proficiency** for scoring the highest mark at Institution level during Higher Secondary Education.
- Won many prizes in coding, debugging & paper presentation events which held at various National level technical symposiums.

Education

Bachelor of Engineering in Computer Science – May 2016   -   84.43% / CGPA - 8.44 /10

Institute of Road and Transport Technology (Anna University Affiliated), Erode