

Curriculum Vitae

Email:

dilani_m@hotmail.com



Dilani Maheswaran

Software Engineer with 2 years of professional experience in Software development and testing. Expert and highly familiar with wide variety of Programming languages, Web designing languages, Databases, ETL tools and Code versioning tools. Possess a Bachelor degree in Computer Applications.

Technical Skills

- Programming languages: Java, Python, PHP
- Web designing Languages: HTML5, CSS3, Java Script (AngularJS), JQuery, Vue.js 2
- Databases: MySQL, Amazon RDS, PostgreSQL
- ETL tools: Matilion
- Proficient understanding of code versioning tools such as Git

Professional Work Experience

Organization : 247 Techies (Pvt) Ltd, Colombo.

Designation : Software Engineer

Duration : May 2017 – Till Date

Projects Involved

Retention Tool: It is a tool that offers dashboards which helps businesses to easily monitor and analyze customer retention, Life Time Values and other product, geographical location related analysis from one single location.

Tasks being performed:

- Use matilion etl tool to transform and load customer data from various platforms such as opencart, magneto and etc. on Amazon Redshift data warehouse.
- Write complex queries on Amazon RDS to fetch data for analysis.
- Develop back-end APIs in Python (Django) and PHP.
- Use charting libraries for visualizations of analysis.
- Research on Machine Learning for implementation on the project.
- Involve in QA process of the project.
- Provide support on other WordPress projects at critical situations.
- Involved in documentation work (Project SRS).

Organization : Duo Software (Pvt) Ltd, Colombo.

Designation : Associate Software Engineer

Duration : May 2016 – May 2017

Projects Involved

DIGIN.IO: Digin is an all in one business intelligence tool that offers a dashboard which helps businesses to

easily monitor and analyze their vital business data from one single location.

Project URL: <http://digin.io/>

Tasks being performed:

- Created web application front end as per design and information architecture using AngularJS.
- Built offline applications using pouch DB.
- Developed back-end APIs using python (web.py).
- Ensured the technical feasibility of UI/UX designs.
- Optimized application for maximum speed and scalability.
- Collaborated with other programmers to design and implement features.
- Created conceptual diagrams, visual mockups and manage detailed user interface specifications.
- Involved in quality assurance process.

Internship

Organization : B2 Software Solutions (Pvt) Ltd.

Designation : Intern

Duration : January 2016 – May 2016

Duties:

- Responsible for back-end RESTful APIs development using python (Django).
- Integration of user-facing elements developed with server side logic.
- Implementation of data storage solutions.
- Plan and implement model data structures for scalability.
- Database creation, integration, and management in MongoDB, Neo4j and MySQL.
- Performed unit tests.

Projects

Development of a website for a university event

- Developed a website which gives information about the event and enables students to register themselves for the event using HTML5, CSS3, PHP and MySQL.

Development of a library management system in Java

- Developed an application with features to manage a library system such as adding new members, issuing a book and etc. using Java and MySQL.

Development of a real time chat application

- A real time chat application using long polling for individual chat and chat room using Django and MySQL.

Educational Qualifications

Bachelor of Computer Applications (B.C.A): VIT University, Vellore, India.

- University : VIT University, Vellore, India.
- Year : 2013 - 2016
- Results : CGPA 9.84 / 10 **Gold Medalist**

Personal Profile

Gender : Female
Nationality : Sri Lankan
Languages known : English , Tamil

Declaration

I hereby declare that above information is correct to the best of my knowledge and belief.

Dilani