

## Divyarajalakshmi Natarajan

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### Objective

To obtain a Full Stack Software engineer position who will utilize my diverse experience and offer new opportunities to increase my capabilities and advance my career in the area of Software development.

### Technical Skills

- Client-Side Web Development: HTML5, CSS3, JavaScript, JQuery, AJAX, DOM, Responsive Design.
- Server-Side Web Development: Node.js, Java, PHP, Ruby, Ruby on Rails.
- Database: MySQL, Oracle, Mongo DB.
- Libraries/Frameworks: Bootstrap, Backbone.js, Angular.js, Ionic, React (Learning stage).
- Methodologies: Agile
- Debugging Tools: Developer Toolbar(Firefox/Chrome/IE), Firebug, HTTP Watch
- Others: REST, MVC, JSON, GIT, Express.js, Performance optimization.

### Experience

#### Program Analyst

Cognizant technology solutions .

22nd Sep 2011 – 08 Nov 2013.

#### Roles & Responsibilities:

- Responsible for UI development.
- Developing and maintaining Traveler's Web Site.
- Understanding client requirement to provide with adequate support.
- Develop and maintain the event tracker of the website.
- Unit and integration testing
- Code reviews
- Site Speed and web application performance measurement and monitoring. Optimize and refactor the code to adhere the site speed guidelines
- Analyzing business requirements
- Preparation of effort estimates
- Preparation of Technical designs document and review with Client's [Travelers Insurance].

#### Employment history

| Company Name                   | Designation     | Start date | End Date |
|--------------------------------|-----------------|------------|----------|
| Cognizant technology solutions | Program Analyst | Sept 2011  | Nov 2013 |

### Education

Currently perusing Masters in computer science and Engineering @ Santa Clara University, CA

Bachelors in Technology in Electronics and Communication Engineering, July 2011. Visvesvaraya Technological University, India.

Linkedin : <https://www.linkedin.com/in/divya-rajalakshmin-989a284a>

Git: <https://github.com/divyaabilash>

### On Going Project:

**HepCat:** I am working on developing the Hybrid Mobile app for the sparrow mobiles and Health 360 as **Full stack developer** in **Frugal Innovation Lab, Santa Clara university**. This app is developed to keep Reminders of Medical Appointments and Prescribed Medicals. The appointments and medicine reminder will be sent by the coordinator. Once the reminder is sent by coordinator, App gets the feed, and sets the reminder in the mobile of Homeless or Low income group. According to the time and date, the reminder is popped and reminds the person about the scheduled appointment or medical drug to be taken.

The implementation is done using **Ionic, Apache Cordova , REST , Node JS, Mongo DB**

This project includes the development of the website too for the coordinator to send the reminders and pills refill. So the complete process will be automated without any human interference.

We are also developing the Internal website for Health Right 360.

The implementation is **HTML5, CSS3, Angular.js, REST API's, Mongo DB, Node.js**

**My role is to design and analysis, implement the functionally End-to-End both in website and Mobile app.**

Git link: <https://github.com/divyaabilash/MyHealthApp>

### **Projects:**

#### **Yelp Dataset Challenge:**

As a part of curriculum in Data base Management System, I had to come up with an open source Java stand alone application as yelp which worked on close to 2 million records. The project was basically had to retrieve the information from the database according to the required conditions. The required conditions was to retrieve data from database based on business search and user selection search.

Tech stacks: **Java, Swing, Oracle.**

You can have a look at my work in <https://github.com/divyaabilash/YelpChallenge.git>

#### **Pin Me:**

As part of curriculum in Object Oriented Analysis and Design, team of 4 have to build a website or web-app. We are building an open source app for posting local information as Events and people who have installed it can get a real time update of the events that's posted and alerts of the events if they have chosen to go.

We have build web-app using HTML, CSS, JavaScript, Java and SQL.

My team role is to develop the web pages and integrate the web pages to the service of backend.

As well as develop the backend for the event category selection and get the user posted event in the history page.

You can have a look at my team work in <https://github.com/divyaabilash/MavenPinMe.git>

#### **Web for M-lab:**

As a part of curriculum in web programming 1, team of 4 have to build a website. We are building an open source web-app for the diagnosis lab. There will be an account for lab assistant to create the records of the patients and maintain the records completely on the cloud instead of paper work. The development also extends for the patient profile, where they can go and View/download their medical lab history.

We have build web-app using HTML, CSS, JavaScript, JQuery, PHP and MySQL.

My team role is to develop the web pages and integrate the web pages to the service of backend.

As well as develop the backend for the getting the test cases from database while Searching for a test case and creating the Test Case, and getting the report while searching a particular report using the report id.

You can have a look at my team work in <https://github.com/divyaabilash/DiagnosticsLab-Software.git>

#### **Online Student Portal:**

As a part of my curriculum in WEB Programming II, I had to develop a website called Student portal for universities. As a part of this website, the admin can login and view the list of students who are enrolled to the university. The details of the student can also be deleted or updated.

Tech stacks: **Sinatra, ERB, Ruby, SQLite.**

As a part of assignment I have host in the heroku. You can have a look at my work in

<https://divya-assignment4.herokuapp.com/login>

#### **Resume:**

As a part of my curriculum in WEB Programming 1, I had to develop a website for my resume using just HTML and CSS.

I have developed my portfolio and hosted it as a part of work. You can have a look at my work in

<http://divyaabilash.github.io>

#### **Quiz Book:**

As a part of my curriculum in WEB Programming 1, I had to develop a website for Quiz using just HTML, CSS, Java Script and JQuery.

I have developed online game quiz whose topic is randomly picked for a day. once the topic is picked, its should same for the complete day in that particular browser which is implemented using cookies.

I have developed the quiz game and and hosted it as a part of work.

You can have a look at my work in <http://divyaabilash.github.io/QuizBooks/>