



Charan VM

Full Stack Developer

As a full stack developer, I enjoy using my obsessive attention to detail, my unequivocal love for making things, and my mission-driven work ethic to literally change the world. That's why I'm excited to make a big impact at a high growth company. I want to make things that make a difference.

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Work Experience

01/2014 - 11/2014

INDIA

Java Developer

Tata Consultancy Services

Tasks/Achievements

- Refactored existing modules to incorporate newly developed framework based dependency injection to come up with rugged unit testing framework.
- Used spring as a light weight container for dependency injection and Aspect Oriented Programming for logging.
- Improved response time by 5% through hibernate by lazy loading, caching and inheritance mapping.
- Developed the application using Agile Methodology.

Technologies: Java, Spring, JavaScript, SQL, - Tomcat, XML, Servlets, JSPs

06/2013 - 12/2013

INDIA

Java Developer

The Irya Technologies Pvt Ltd

Tasks/Achievements

- Enhancing the existing features for easy navigation and for better performance in the usage of the application.
- Improved code reuse and performance by 3% making effective use of the singleton.
- Developed interactive and user-friendly web pages using HTML, CSS, JSP's.

Technologies: Java, JavaScript, AJAX, HTML, CSS, - JSP, Servlets, XML, Oracle 11g

Education

10/2016 - Present

Full Stack Web Developer

Udacity

Courses

- Responsive Fundamentals
- JavaScript Design Patterns
- Programming with Python
- Intro to AJAX

01/2015 - 05/2016

Madison, SD

Master's in Information Systems

Dakota State University

Courses

- Project & Change Mgmt
- Web App Development
- Advanced Database
- Information Retrieval
- Data Warehousing/Mining
- Adv Network Tech & Mgmt

06/2009 - 05/2013

INDIA

Bachelors in Computer Engineering

Jawaharlal Nehru Technological University

Courses

- Algorithms & Data Structures
- Object Oriented Programming
- Web Development
- Operating Systems

Skills & Competences

Algorithms & Data Structures

Java

JavaScript/JQuery/AJAX

ORM(Hibernate)

Databases

Framework(Spring/Strut/Jinja
2/Flask)

Projects

Neighborhood Map

- Single-page, responsive application built with knockout.js and hosted on GitHub pages.
- Developed a full-page map that loads popular places near Ashburn, VA and displays the information using JSON object.

Tournament Results

- Developed a database schema to store data of matches between players to make a dynamic data-driven web application.
- Deployed the application on the remote server using Vagrant VM and used PostgreSQL as a database.

Item Catalog

- Developed a RESTful web application using the Python framework Flask along with implementing third-party OAuth authentication.
- Implemented authentication mechanism and appropriately mapped HTTP methods to CRUD operations.

Website Optimization

- Optimized critical rendering path of existing website to achieve Pages Speed Insights score above 90.
- Eliminated inefficiencies in the website's scroll animation. Site now scrolls at 60 frames per second.

Fortune Wheel

- Developed Fortune wheel game using external JavaScript library and changed source code according to the requirements.
- Designed responsive pages using HTML, CSS, Bootstrap jQuery, JavaScript and tested complete functionality.

Multi User Blog

- Optimized the code using jinja framework where users can register, login and make posts in the blog
- Built a secured authentication login system by using hashing algorithm.

Technical Proficiency

Java | Python | SQL | JavaScript | XML | RESTful Services | HTML

Flask | Jinja2 | Hibernate | Struts | Spring | Linux | Eclipse | CSS

MVC | AJAX | Agile | Bootstrap | Grunt | Bower | JSON | MySQL