



HARI PRASATH SIVANANDAM

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Boston, MA

Available: Jan – Sept 2019

EDUCATION

Master of Science in Computer Science (GPA 3.8) Expected Graduation: Dec 2019

Northeastern University, Boston, MA

Related Courses: Algorithms, Programming Design Pattern, DBMS, and Managing Software Development

Bachelor of Technology in Information Technology May 2015

PSG College of Technology, Anna University, India

Related Courses: Data Structures, Object Oriented Programming, Operating Systems, Web Technologies, Networks, Design and Analysis of Algorithms, and Software Engineering

TECHINICAL SKILLS

Programming Language:	C++, Java, Python, Ruby, and SQL
Web Technologies:	HTML, CSS, Bootstrap, JavaScript, jQuery, AJAX, and JSON
Database:	MySQL, NoSQL, and MariaDB
Framework:	Ruby on Rails, Java Spring Boot, React, React Native, and AngularJS
Architecture:	MVC, Microservice, and RESTful
Cloud Tools:	AWS – EC2, RDS, and S3

WORK EXPERIENCE

Graduate Teaching Assistant (Database Management System) May 2018 - Aug 2018

Northeastern University, Boston, MA

- Hold weekly recitation session, office hours to mentor, provide feedback, and technical assistance to 50 students.
- Facilitated faculty with the course discussions, curriculum questions, and classroom logistics.

Software Engineer (Full stack developer under Fulfillment Team in BuildABazaar) Apr 2015 - Aug 2017

Infibeam Incorporation Ltd, Bangalore, India (an eCommerce Company)

- Built Data Integration Module against the ERP of Axiom.com that increased order-flow by 28%.
- Pioneered the implementation of Test-Driven Development(TDD) approach for order push and stock details.
- Redesigned the existing Purchase-Shipment flow by Greedy Algorithm that reduced the time taken for order push and product delivery by 2 days.
- Redesigned the bulk shipment details upload module using Divide and Conquer Algorithm to support large files and decreased timeout crash by 100%.
- Integrated 3rd Party Payment Gateways, 3rd Party Logistics/ Shipping Agents.
- Implemented shopping cart reminder notification and feedback email to the customers which improved the company's monthly average of purchased items by 4.6%.

Software Engineering Intern Dec 2014 - Apr 2015

Infibeam Incorporation Ltd, Bangalore, India (an eCommerce Company)

- Developed an in-house tool to automate the recruitment, onboarding, asset procurement, allocation and relieving process using pipes framework that reduced HR manual work by 30%.

ACADEMIC PROJECT

Student Whiteboard, Northeastern University, Boston, MA Jun - July 2018

- Built a Mobile Application for students to view, register for the courses offered in our university.
- Tools Used: React Native, Java Spring Boot, MySQL RDS.

Plagiarism Detector, Northeastern University, Boston, MA Jan - Apr 2018

- Built an interactive tool for detecting plagiarism in programming assignments.
- Front-End: AngularJS, HTML, CSS, jQuery, Bootstrap, and Back-End: Java, Spring Boot, MySQL RDS.

Citybook.in, PSG College of Technology, India May 2014

- Developed an eCommerce website enabling users to add items to the cart, apply promotions, and buy books.
- Tools Used: Ruby on Rails, MariaDB, jQuery, and Bootstrap.