

DARSHAN DODDAGHAATA

Binghamton , NY 13905 , (607) 232-6222

ddoddag1@binghamton.edu • [linkedin.com/DarshanDoddaghatta](https://www.linkedin.com/DarshanDoddaghatta) • [darshanvishnu.github](https://github.com/darshanvishnu)

Technical Skills

Programming: Java, C#,SQL,HTML, CSS, JavaScript, C,Python.

Technology Stack/Frameworks: ASP .Net, Entity Framework, ADO .net, VB .NET, MVC -5, Git, Webpack, Babel,Responsive Web Design, J2EE, Ext Js, Bootstrap, Node js, Express Js, MongoDB,.

Tools / Software: Excel,Py Charm,Visual Studio, Eclipse, Visual Studio Code, Mat Lab, keil u-vision, Robo 3T, SQL Server Management Studio, GitLab, SVN Tortoise, Fiddler, Postman, Jenkins, IIS Server, WordPress.

Cloud: IIS (Win 2k 16 Servers), Hostinger.

Education

STATE UNIVERSITY OF NEW YORK, BINGHAMTON

Binghamton, NY

Master of Science, Computer Science . GPA 3.7

August 2019- Expected May 2021

Course Work: Computer Architecture, Design and Analysis of Computer Algorithms,Operating System, Programming language,Design Pattern,Introduction to Distributive System, Data Science, Internet of things ,Data Mining.

PES INSTITUTE OF TECHNOLOGY, BANGALORE SOUTH CAMPUS

Bangalore, India

Bachelor of Engineering Electronics & Communication.Percentage - 67%

August 2013 – May 2017

Academic Projects.

Out of Order Apex (C, Computer Architecture, ASM)

- Designed and developed a simulator for Apex out-order execution pipeline which takes a sequence of assembly level instructions and shows cycle-by-cycle executions . Supports data forwarding, branching ,multiple Functionals units, ROB, LSQ, Issue Queue and memory instructions.

Multi Thread SocketObject Pool (Java,Design Patterns)

- A multithreaded java application which is used for Thread Pool Management.Created a service api which would mange the number of worker thread and synchronize according.Followed java best practices, Design pattern principle and used socket programming to control consumer producer problem.

Distributed, Fault-Tolerant, Highly Available NoSQL Database (Java, Google protobuf)

- An eventually-consistent distributed key-value database like Cassandra. Implements read repair and hinted handoff.

Chandy-Lamport Snapshot Algorithm (Java ,Google protobuf)

- A multithreaded application which records consistent global state of an asynchronous distributed banking system. The banking system comprised of branches which continuously performed random transactions with each other.

Impact of Racism on US Elections 2020(Node JS, Mongo DB, Express JS, Python, NLP)

- Collected data from twitter stream api and reddit api using Node JS Api service for period of 30 days which is about 10 million tweets and Reddits .Filtered the data based on keys words and stored it as mongo collection. Sentimental analysis was made on the filtered data to determine the prediction and impact.Python was used for sentimental analysis and keyword pulling.

E-Commerce online shopping cart (ASP .Net, Entity, MySQL, #C, MVC, IIS)

- Designed and developed an e-commerce web app in 3 layered architecture in .net with #C language with database operations developed in Stored Procedures.Admin profile is designed with MVC, entity framework.

- User profile designed with Asp .net and equipped with shopping cart, order details, printing order details, payments secured with web services and deployed the application online usingInternet Information Server (IIS).

Work Experience.

Larson and Toubro Infotech Pvt Ltd

Chennai, India

Role :Software Engineer (Mean Stack Developer)

September 2017 -August 2019

Invest to Sunset Team (Node JS, Express JS, Mongo DB, ASP .net-MVC)

- Worked in Agile project under Business Integrated Work Station team to develop, deploy, test and integrate the Micro Services.
- Developed micro services using IUX core Node JS and Sencha Ext JS Frameworks for micro views which are integrated under BIWS to serve for billing functionalities and eliminating the CL portal dependencies.Mocha and chai was also used to write testing scripts.
- Also contributed to team as Scrum Master Substitute for 3 months which involved roles such as iteration planning, feature creation, conducting retrospective, daily stand up monitoring and PI planning.

Legacy Portal Elimination (ASP .net, J-query, Javascript, MySQL, #C, MVC-5, IIS)

- Worked in CNS E-Quote team of size 10 in an Agile project environment. Developed a web application which is a web-based Rating system used in Business Insurance for supporting Construction Markets .
- Developed Infragistics grids to jQuery -grid controls and rewritten WCF services to Web API (MVC)using #C.
- Involved in making the web app Cross Browser Compatible and eliminating the portal dependencies which where rewritten from vb script to C# back end. Awarded Pat on Back as an appreciation for the Innovative thinking and quickly solving problems.

Certifications : Java Development course

Bangalore, India

JSpiders Training & Development Center

January 2016 – August 2017

- Prototyped, compiled and ran several Core Java programs; examined extensive theory – Servlets, JSP, etc.
- Developed Student Database application with MySQL server and JDBC.

LTI Technical Mosaic IIHT Training

- [Agile Software Development](#) , [Node Js Software Development](#), [Git Hub Mastering](#)