Himavanth Boddu

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🎓 Education

Master of Science in Computer science   Aug 2019 – Apr 2021
University of Florida, Gainesville, FL   *GPA: 3.77/4.0*

Bachelor of Engineering in Electronics   Jul 2013 – Jun 2017
Shri Ramdeobaba College of Engineering and Management, India   *GPA: 8.12/10.0*

🥧 Experience

Systems Engineer   Jun 2017 – Jul 2019
Infosys Limited   *Bengaluru,India*

> Worked as a Full-stack developer in an Agile environment providing customized solutions according to the client requirement posted in JIRA using Finacle which is a product by Infosys for banking solutions. Java, Javascript, XML, Oracle SQL, HTML, CSS, PolymerJS, and Hibernate framework was used for development and Jenkins and Docker for deployment.

> Wrote automated scripts that reduced the time for deployment of the project and releasing regular patches to the onsite environment by ensuring the overall sanity of the application by 95%.

> Developed scripts to minimize the time taken for the batch-wise maintenance of transaction and user records by 80%.

⚗ Projects

Twitter Engine using Phoenix framework   Dec 2019

> A web interface for Twitter like application using Phoenix framework which allows user to register an account, login, logout, tweet, re-tweet, subscribe to another user and view their tweets, search for a mention or hashtag using web sockets.

Job scheduler for construction company   Nov 2019

> Implemented a scheduler simulating city construction company using Red-Black Tree and Min- heap in Java without using built-in libraries.

Implementation of Tapestry algorithm using Elixir   Oct 2019

> Implemented Tapestry algorithm for a given number of nodes as input using Elixir and calculated maximum hops possible from a source to number of destinations given in the input.

Implementation of Gossip algorithm using Elixir   Sept 2019

> Designed and implemented Gossip algorithm for various topologies using Elixir which was used to explore concurrency model and implement parallelism between actors.

Building a Dynamic SPA using REST API   Oct 2017

> Created dynamic single page application using REST API calls from given InfyRetail application implementing various modules like login, discount, filtering section and frequently sold item list were connected using routing and deployed using Jenkins.

Automated pizza delivery system using Firebird V (eYantra, IIT Bombay)   Jan 2016

> Simulated pizza delivery system by creating order picking algorithm and implemented Djikstra's Algorithm to find shortest path to deliver the given order on the given grid of houses in the least possible time.

⚙ Skills

Languages   Python, Java, C, C++, HTML, CSS, Elixir, Javascript, AngularJS

Databases   Oracle, MySQL

Framework   Hibernate ORM, Phoenix, FEBA(Finacle)

Applications   Eclipse, PyCharm, VSCode, SQL Developer, Postman, Putty, WinSCP, Filezilla, Tortoise SVN, Jenkins, Docker

🏆 Achievements

> Awarded Achievement Award Scholarship for New Engineering Graduate Students for outstanding credentials by the University of Florida, Herbert Wertheim College of Engineering.

> Selected for RGSTC-TIFAC-MSME Internship program awarded by Government of India.