

HARSHVARDHAN

Senior Software Engineer with more than 6.2 years of experience. Quick and enthusiastic learner with passion towards back-end development

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EXPERIENCE

R&D Engineer II

Synopsys Inc

Nov 2019 - Present

Bangalore

- Worked on new feature development of EDA Softwares "Synplify" and "Protocompiler" which facilitated new way of mapping of user provided RTL to tech specific design
- Resolved over 50 Customer and Internal JIRAs
- Technologies Used:- C++, OOP Concepts, Design Patterns, Multithreading, Unix/Linux, GDB, Visual Studio 2017

Engineer

Unisys India

May 2017 - Nov 2019

Bangalore

- Worked on the new feature development of product called Agile Business Suite(plugin for Visual Studio) in order to support its functionality with Oracle database.
- Worked on fixing more than 150 software bugs
- Technologies Used:-C++, VC++, MSSQL, PL/SQL, Multithreading, COM, Visual Studio 2013, Visual Studio 2015

Associate Engineer

Unisys India

June 2015 - May 2017

Bangalore

- Worked on the development and software support for AB Suite
- Technologies Used:- C++, VC++, MSSQL, Multithreading, MFC, Visual Studio 2013, Visual Studio 2015

INTERSHIPS & PROJECTS

Kinect and AI for Identity and Health

Unisys India

Dec 2018 - Mar 2019

Bangalore

- The aim of this research was to explore the basics of computer vision with respect to human kinematics using day to day cameras and to utilize the gait detection methodologies for the identification of the individuals in live video feeds

Improving the Business Environment in India

Accenture Management Consulting

May 2014 - Jul 2014

Bangalore

- Worked in a team of interns for a project called "Improving the Business Environment in India" under the Ministry of Commerce, Government of India. Worked on 2 of the 6 pre-identified best practices

BitTorrent Simulation for Network Simulator ns-3

NIT Silchar

Sep 2014 - Mar 2015

Silchar

- Worked on a modular BitTorrent model for ns-3 Network Simulator with a simple HTTP-based tracker. The design of our model supported all default algorithms introduced to BitTorrent

SKILLS

C++ VC++ C MSSQL
SQL OOP Concepts PL/SQL
Data Structures and Algorithms
High Level Design Low Level Design
Unix/Linux Operating System Visual Studio
GDB Design Patterns Multithreading
Debugging Skills EDA Tool Development

MOST PROUD OF

Global Silver Recognition Award 2016

- In recognition for exceptional contribution towards success of Unisys

KM in the DNA

- Runner Up for contributing ideas towards improving knowledge management process

Monthly Spot Awards

- Received 4 monthly spot awards during my tenure in Unisys and 2 monthly award during my tenure in Synopsys for work done

EDUCATION

Bachelor of Technology (B.Tech)

National Institute of Technology (NIT) Silchar

June 2011 - April 2015 Silchar, Assam

- CGPA- 7.57

Senior Secondary

Devasthaly Vidyapeeth

April 2009 - April 2010 Ballia, UP

- Score - 75.6 percent

Secondary

Chhapra Central School

April 2007 - April 2008 Chhapra, Bihar

- Score - 92.6 percent

LANGUAGES

English Hindi