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Software Developer	STEMS LABS INDIA	Jan 2013 – Jul 2015
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- Worked on the Linux module development and Integration with Robot Operating System.
- Coded and integrated various sensor modules with ROS.
- Worked in developing Dynamic Shared Libraries and Loadable libraries.
- Skillset: C/C++, Python

- Developed and Supported various in house applications like Payroll, Sales and Customer Manager using JSP, Servlets, Struts, Hibernate and EJB.
- Fixed and Enhanced legacy java code to its optimized state resulting better performance (modifying Data Structure and Collections).
- Worked and used JSON notations to transfer data between client and server communications.
- Worked with Oracle SQL as primary database.
- Involved in JDBC tuning and configuring connection pools.
- Successfully enhanced HTML, CSS and JavaScript code blocks in legacy applications for better data handling.
- Initiated and worked in transforming legacy in house web application to single page application using Angular.js framework.
- Enhanced SQL queries and table Joins queries for better performance.
- Developed and deployed Session and Entity Beans for database updates.
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- Skillset: Java, J2EE, CSS, Java script, JSP, JPA, Spring, Angular JS, Prime faces framework, Hibernate, EJB, HTML, Oracle 11g.

- Successfully Developed, Deployed & Tested a Proof of Concept Provider Module for System Director Platform Agent to avoid redundant drivers.
- Skillset: C, C++, Shared libraries.

- Design and Developed a Participant Referral System to keep track of Organization Courses, Guest Enrollments, Automated Invitation publishing, Enrollment of participants, Housing arrangements and Expenditure.
- Skillset: LAMP, JSP, Servlets, HTML, JavaScript

•	M.S. in Information Systems (Majors: Application Development)	GPA: 3.8/4.0
Dec 2010 – Jan 2013	BIRLA INSTITUTE OF SCIENCE AND TECHNOLOGY - PILANI	Rajasthan, IN
•	M.E. in Software Systems	GPA: 3.2/4.0

- Teaching Assistant for Software Architecture & Research Assistant for Software Engineering Courses.

<http://mali25.github.io/>

Aug 2005 – May 2009

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

Hyderabad, IN

• **B.Tech.** in Computer Science and Engineering (UNIVERSITY: JNTUH)

GPA: 3.0/4.0

TECHNICAL EXPERIENCE

Academic Projects

- **Basic Storage Architectures:** Understanding Basic View and Configuration of SAN and NAS storage Architectures on VMware vSphere ESXi Hypervisor. [Free NAS OS].
 - **Single Sign on:** Successfully installed and configured a SSO environment for the University website BITS Pilani.
 - **Java Applications:** PDF maker (pdfbox api), Multi-document search app (Lucene api)
 - **.NET Applications:** Weather dashboard, Enhanced Task Manager
 - **Web Applications:** Rest API for pdf converter
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ADDITIONAL EXPERIENCE AND AWARDS

- A Diploma in System Software Development: [C-DAC] Center for Development of Advanced Computing – Ministry of IT - INDIA.
 - Innovations and Research : [Optimal Test sequence generation using Firefly Algorithm](#) ; Publisher : Elsevier
- Actively Volunteering Mozilla User Support [SUMO Team].
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Languages and Technologies

- **Programming Languages:** C, C++; core Java; Python; SQL; Java Script; ASP.Net ; PHP; Perl
- **Environments:** Linux; Windows, OpenStack Cloud Environment; GitHub; Webservers;
- **Key Interests:** Algorithms; Virtualization; Operating Systems; Networking; Cloud Computing; Web Programming