

Internship(cs-5020)
mohan sai reddy
dundi and my



**ASSIGN
BUSTER**

Internship(CS-5020)Report-1 Respected Professor Dr. MohmoudYousef,
Hopeyou are doing good. I am Mohan Sai Reddy Dundi and my Student Id is
700664756presently I am doing my Curricular Practical Training (CPT) in E-
GiantsTechnologies LLC operates out of its registered office at 1200 Valley
WestDrive, West Des Moines IA 50266 where I will be working as a
SoftwareDeveloper.

Firstly, I would like to thank you for giving this opportunity where I can
expose myskills in this computer world and learn more in my Internship
Program. Onthe first week of my training I met my Manager and Team
Members we had a smallmeeting regarding the project they explained me
overall status of the projectand they explained me some responsibilities as a
Software Developer like:
· Designing, implementing and maintaining
various java applications.
· Conductingvarious software analysis,
programming, testing and debugging of theapplication.

· Identifyingvarious production issues in the
application.
· Suggestingchanges to improve established java application
processes using latest javatechnologies.
· Developtechnical designs using
different frameworks for application development. Inthe second week of my
training I got trained on the ORM (Object relationalmapping) java framework
which allows you to use java objects as representationof relational database
and helps to map both object oriented and relationalconcepts. My job is to
provide the mapping between the classes as per thedatabase using one of
the Java ORM framework Hibernate. With the help of hibernatel was able to
link my java classes to database tables present in MySql database.

By the end of the week I was able to work on various key components of Hibernate like Configuration, Session Factory, sessions, Transaction and queries and implemented these components to my Java classes.

During the third week, I have started working on Spring web MVC framework which provides Model-View-Controller architecture and ready components that can be used to develop flexible and loosely coupled web applications.

During this task, I have learnt how to configure Spring MVC with my Hibernate framework. After this I have implemented various dependency injections on my bean classes of my application. These three weeks I have learnt so many new aspects like major responsibility of a Software Developer, how to map the objects in Java with the database table using Hibernate ORM framework and Dependency Injection (DI) in Spring MVC framework. Thank you, Mohan Sai Reddy Dundi, #700664756.