

MANOJ KUMAR

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LANGUAGES

English, Hindi

EDUCATION

2010

M.Tech+B.Tech (Dual Degree) Metallurgical Engineering & Material Science.

"Indian Institute of Technology Bombay - Mumbai, Maharashtra, India."

I have done M. Tech. + B. Tech. (Dual Degree) in Metallurgical Engineering & Material Science with aggregate CPI 5.21.

PROFESSIONAL EXPERIENCE

08/2015 to 12/2015

Examiner (Inspector)

"Central Board of Excise and Customs - Kochi, Kerala"

The main duty of an Examiner is to give clearances to the ships, he has the power to access and examine goods, power to take samples, examine the cargo which needs to be imported or exported to other countries and then, levy the charges (duty) on that shipment. After examining the goods, examiner need to prepare lists, check market values of confiscated goods, loading and unloading of the goods whether generally or specifically, escorting goods from one Customs area to the other customs work authorized to him by the Commissioner of Customs. Moreover, an examiner also need to help the officers in Auctioning of Goods.

09/2013 to 03/2014

Auditor

"Comptroller & Auditor General of India - Hyderabad, Telangana"

An auditor need to keep a tab on the expenses incurred by the department he is going to audit. He is expected to be the supervisor of government expenses so that they are spent with the best interests of the general public in mind. He need to perform the following duties, keeping a tab on expenses. Ensuring judicious spending. Issuing guidelines to various departments, initiating public debate.

INDUSTRIAL EXPERIENCE

05/2008 to 07/2008

AMBICA STEELS LTD. SAHIBABAD, U.P.

"Optimization of heat treatment cycles for several Heat treatment Processes"

- Studied the various heat treatment processes involved in the product manufacturing process.
- Analyzed the properties of over 20 AISI grades and optimized the heat cycles for each grade.
- Surveyed the performance of two heat treatment furnaces; suggested a design for the furnace with significant superiority in performance.
- Carried out a cost benefit analysis for the various heat treatment processes, thereby resulting in a 20% reduction in production expenditure.

KEY ACADEMIC PROJECTS

03/2009 to 08/2010

Designed and fabricated a Calorimeter to Calculate Efficiencies of Gas Tungsten Arc Welding (GTAW)

"Dual Degree thesis"

- Carried out an in-depth study of the GTAW process with particular reference to current, voltage, velocity and other parameter.

- Looked forward to designing a setup at the industrial level to accurately determine efficiencies of a heat source for the optimization of the GTAW process parameter along with production units and Produce sophisticated designs with refined performance.

01/2008 to 04/2008

Electrochemical Machining (ECM)

"Junior Undergraduate Thesis"

- Conducted an extensive literature survey on ECM (Metal removal process via electrolysis developed which are difficult to machine using conventional techniques).
- Detailed methods for use of this method for shaping high strength heat resistant alloys.

09/2008 to 11/2008

PRATHAM - The First Student Satellite, IIT BOMBAY

"Course Project, School of Management, IIT Bombay"

- Developed a work breakdown structure, identified involved tasks and the order of completion of each stage involved in realization of IIT Bombay as a center for satellite and space technology.
- Created network detailing the activities and expected work flow to facilitate decision making for future review.

09/2005 to 11/2005

Library Database Management Program

"Programming Project [C++ Course], IIT Bombay"

- Developed a well complied book keeping database with enhanced user friendly interfaces.
- Incorporated features like laying claim on already issued books, levying late fines, and denial of issuance to defaulters.

- Envisaged an extension that could work with a system where books are equipped with RFIDs
- Tested the system satisfactorily for a database of over 1 lakhs books.

09/2008 to 11/2008

Digital and Analog Clock

"Programming Project (C++)"

- Used graphics to display an analog and a digital clock in 12-hour or 24 hour mode.
- Provided options to display the local time or the time of one of 18 major cities. Including the feature of Daylight Saving time.

POSITION OF RESPONSIBILITY

08/2005 to 04/2008

- Team Captain, Intra-IIT (Hostel CC) Cricket & Hockey General Championship

08/2006 to 01/2007

- Coordinator, Food & Beverages, Techfest 2007
- Organizer, Techfest 2006

ACCOMPLISHMENTS

- Successfully cleared Capital Market (Dealer's Module) of NSE's Certification in Financial Markets (NCFM).
- Awarded Special Mention for excellent contribution towards hostel in sports.
- Placed in Enkei Wheels India through campus Placement as Management Trainee.

HOBBIES & INTERESTS

"A good runner, skilled cricketer and enthusiastic about Football, Tennis and Wrestling. I was Awarded Special Mention for excellent Contribution towards hostel in sport. I am an avid follower of Economics and Finance. Feeding food to animals and cooking are also another interests. "

HIGHLIGHTS

- Operating Systems: Windows 10, Vista, Linux (Ubuntu and Fedora).
- Programming Languages: C, C++ Basic, HTML, Java, and MATLAB.
- Tools: MS- Office (especially adept at the use of MS - Excel), Abacus.
- Proficiency in video editing and poster designing.

SUMMARY

“Motivated administration professional skilled at building strong working relationships with fellow staff, supervisors and community member, Public relations expert. Active listener who seamlessly incorporates feedback from staff and the community. Excels at building dynamic teams that achieve continual process improvement.”