

UNNATHI B PAI

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WORK EXPERIENCE

FORD INDIA PRIVATE LIMITED - Supply Chain Analyst **July 2016- April 2018**

- Awarded Director's *Ford Asia Pacific Recognition* for efficient crisis management [2018]
- Resolved critical supplier delinquencies- Successfully managed forced majeure issues to ensure 100% delivery of parts for with NIL premium freights
- Inventory reduction \$ 1.2 Mils
- Achieved \$0.03 Mils freight efficiency through Ship frequency, Cubic utilization and Transit time reduction
- Analysed and salvaged potential scrap of \$0.1 Mils by engaging cross functional team and supplier
- Flawless launch of New Engine for Ford Aspire & EcoSport vehicle line
- Implemented SharePoint to material plan and logistics in a vision to make paperless workstation
- Diversity improvement at work place through "WIM (Woman in Manufacturing)" forum

ADDITIONAL WORK EXPERIENCE

LOGICHOME RESEARCH- Management Consultant and Strategist **September 2018 - Present**

- Advised on workforce allocation and employee engagement
- Recruited and hired interns for the company's new project
- Assessed & evaluated time chart & workforce requirements for 2 software products, currently at launch phase
- Increased Employee Engagement by training sessions, workspace restructure, recognition models

VIRTUAL READER - Founder and CEO **Since 2015**

- Developed Prototype – Reader that converts printed text to audio output using OCR software
- Selected and received funding from KBITS [Government funded incubation centre]
- Lacked success in materialising into a company

TRITON VALVES LIMITED - Project Intern **February 2016- May 2016**

- Project lead –Designed Vibration test rig for automotive air-conditioning valves [Results simulated using ANSYS]

INDIAN RAILWAYS CARRIAGE WORKSHOP - Project Intern **Jan 2015**

- Analysed failure modes of materials under high speed motion; Results utilized to weld new joints in bio-toilets

BHARATH EARTH MOVERS LIMITED- Intern **July 2014**

- Evaluated Machine shop safety adherence and proposed new model for shop floor layout

EDUCATION

THE NATIONAL INSTITUTE OF ENGINEERING **Mysuru, Karnataka, India**

Bachelor of Engineering in Mechanical Engineering **2012-2016**

- Graduated with 9.31 CGPA [Max obtainable CGPA 10]
- Thesis on use of Peltier devices for automotive air-conditioning utilizing engine heat [Simulation software ANSYS]
- Professional Society Membership- Indian Society of Heating & Refrigeration Engineers [ISHRAE] Society of Automotive Engineers [SAE]

TRAININGS UNDERGONE

- Basics of Green Belt Project – Sig-Sigma and Lean inventory Management: 7 days training at Ford
- State Level Hackathon: 3-day workshop for selected entrepreneurs to enhance entrepreneurial skillset
- Artificial Neural Network: 7-day workshop on basic coding; concepts of ANN and MATLAB simulation for face recognition
- Computational Fluid dynamics using Ansys: 15 day theoretical and practical training on Ansys software
- Entrepreneurship summit 2014 at IIT Bombay: 3-day event to network with successful entrepreneurs of India; seminars and idea pitching workshops
- Android app development basic workshop
- Ethical hacking workshop
- C-STOP animation and Adobe tools workshop

PRACTICAL SKILLS

- **Multilingual** – Fluent in English, Hindi, Kannada, and Konkani. Elementary proficiency in German
- **Software known:** Ford Supply Chain ERP [CMMS], ANSYS, MATLAB, CATIA, SOLIDWORKS
- Professional expertise in Microsoft Office
- Basic programming knowledge in C and Python

EXTRA CURRICULAR ACTIVITIES

- **Lead Actress and Assistant Director for Short Movie ‘AGNI’** – Won Second Place at Ford Asia Pacific Diversity & Inclusion Awards
- **Best Performing Girl** at SUPRA-SAE, a National level student formula car fabrication & racing event
- **Secretary- Indian Society of Heating & Refrigeration Engineers college chapter**
Organized industrial visits to ISRO, HAL, Triveni gears, GTDC |Conducted Technical workshops
- **Event Conceptualisation & Organisation:** Catalyst in starting annual **Fluid Mechanics Exhibition** at NIE Mysuru
- **Team lead:** Robot ‘Chimera’ for IIT-M Techfest 2015, Robot Rikishi for Robo Wars at NIE 2016
- **Organizer: CogNIscience 2015 & 2016-** Annual National level Paper Presentation Competition & **Automotive Tech Fest 2014** - Auto Expo event
- **Hospitality Team Lead:** College fest -TECHNIEKS 2016

COMMUNITY SERVICE

- **Mentor and Tutor at MAD [Make a difference] NGO** **3 hours/week**
Taught Mathematics to 5 students – 1 student cleared final exam as topper, 4 cleared with first class
- **Scribe for blind students**
Supported multiple blind students write their final exams in subjects -Kannada, Mathematics & Social Science
- **Project for Green heart international**
Best project award at ‘Think green’ event 2009– Project on beer bottle disposal equipment

HOBBIES

Writer |Sketch Artist |Actor | Singer |Guitarist |Basketball player |Story teller |Traveller |Avid Reader