**SEBASTIAN A.W. SELVARAJ**

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**WORK EXPERIENCE**

**Assembler**

Feb 2019 – Present: TNA Packing Solutions |Melbourne| Australia

* Work from 2D & 3D diagrams and drawings; make initial layouts, and use hand and power tools and jigs for assembly.
* Conduct quality inspections, disassemble, modify, rework, reassemble, and test experimental of prototype assemblies and subassemblies according to design specifications and BOM.

**Purchase Co-ordinator**

Oct 2018 – Feb 2019: Bray Controls Pacific Pty Ltd |Melbourne| Australia

* Planned, organized, and executed multiple tasks simultaneously to meet deadlines. Prepared checksheets, Job cards, new entries and relevant documentation for production, requested quotations from suppliers, prepared cost sheets, placed orders, received goods, updated bills, orders and other relevant information in MYOB software.
* Handled internal and external inquiries. Updated purchase orders as requested and documented by requestor. Checking the stock as required and reported directly to the Manager.

**Assembler**May 2018 – Sep 2018: Brivis Rinnai Australia Pty Ltd |Melbourne| Australia

* Safely operated materials through the press machines while checking the quality of the product throughout the job.
* Assisted with assembling and packaging of the heater and cooler components using power tools. Maintained a clean workspace and followed SOPs & safety guidelines. Disposed of scrap pieces properly.

**Casual Work**Dec 2017 – May 2018: Arco Maintenance Pty Ltd  for OneSteel |Melbourne| Australia

**HR Representative**

May 2017 – September 2017: Mechatronics Control Equipments India Pvt. Ltd | Chennai | India

* Manpower management, Staff recruitment involving screening, short-listing and interviewing.
* Employee Performance Management, Payroll, Welfare and General Administration
* Implementing HR systems and policies& conducting training programs towards enhancing employee productivity.

**Senior Design Engineer**

November 2015 – April 2017, Ford Technology Services India deputed by SATVEN | Chennai | India

***FSS Body & Chassis CAD - OPD***

* Optimized process plan through PPAP (Production part approval process).
* Instrumental in CLP process for part release.
* CAD change for PMT1 & PMT2 (Interiors and Exteriors) for CD539N vehicle program.
* Examined the functional aspect of Body CAD for various programs in Ford Motor Company.
* Trained associates on process and PLM integration.

***CLP Audit - CLOSE LOOP PROCESS FOR BODY CAD OPD***

* Reviewed and approved CAD drawings involving Low, Medium & High risk
* Prepared the necessary documentation for design release activities to Global Ford Motor Company projects.
* Coordinated with on-site teams for project related clarifications from suppliers and engineers in different regions (USA, Europe and China) to complete deliverables within specifications
* Prepared and reviewed progress reports on weekly and monthly basis.
* Achieved daily targets with zero percent backlog report generation.

**Design Engineer**

Janvary 2012 - November 2015: Ford Technology Services India deputed by SATVEN | Chennai | India

***Assembly Illustrations & FSS Body CAD – OPD***

* Optimized the illustration process of the electrical team to improve the output.
* Supported in design of Automotive Body CAD components using CATIA V5.
* Created a process plan for the existing process and developed areas of improvement.
* Handled large change control notices and trained associates on Teamcenter9 PLM and its integration with CATIA V5.

**Trainee CADD ENGINEER**

July 2011 - December 2011: CADD Centre Training Services | Chennai | India

* Trained students and co-workers in AutoCAD, Pro-E 2D & 3D modelling, CAD principles, methods and drafting standards. Provided guidance to students in projects and presentations.
* Prepared and maintained reports and data records related to student grades, attendance, and CAD training activity.
* Instructed customized CAD lessons and tutorials during lectures and training workshops sessions.

**EDUCATION**

**2010** Bachelor of Mechanical Engineering Anna University, Chennai, India **(Approved by Victorian**

**Overseas Qualification Unit)**

**2007** Diploma in Mechanical Engineering, Sri Sairam Polytechnic College, Chennai, India

**2004** Secondary School Leaving Certificate, St.Sebastian Matriculation Hr. Sec. School, Chennai, India

**PROJECT**

**Title :** Design of lifting and holding device for bogie frame.

**Project Performed for :** Integral Coach Factory (I.C.F)

**Diploma Project :** Pneumatic high speed hack saw cutter.

**Awards and Certifications:**  - Award of Excellence from SATVEN

- Certifications from CADDAM Technologies in AutoCAD and Pro-E