

Partheban Pitchaiyyappan

(+1) 437-990-3465

65 Banting Crescent

Brampton ON | L6Y 2M2

Skype ID: partheban.p

partheban66@gmail.com

www.linkedin.com/in/parthebanpitchaiyyappan

Work experience

Machine operator, 12/2018 to present

PPG Aerospace, Mississauga ON

- Setup of the fuel tank seal cap machine based on the required job that has to be produced.
- Continuous supply of sealant and mold to the machine.
- Troubleshooting the machine.
- Following 5S method to maintain clean and safe environment.
- Undergone regular training to improve my work performance.

Project Manager, 12/2017 to 04/2018

Sheridan College, Mississauga ON

- Conducted meetings with clients to determine project intent, requirements and budgets.
- Defined clear targets and objectives and communicated them to other team members.
- Developed 6 executive presentations and reports to facilitate project evaluation and process improvement.
- Monitored timelines and flagged potential issues to be addressed.
- Provide numerous recommendations to improve the quality of the project to the client.
- **Result:** The project was successfully completed on time and client accepted the deliverables on satisfactory level.

Site Engineer, 08/2016 to 04/2017

Vishnu Engineering Company, Chennai, India.

- Prepared site reports and organized facilities.
- Monitored personnel and construction activities for compliance with health and safety requirements.
- Managed various parts of fabrication projects, including Fuel line Pipes and Piston Compressor.
- Maintenance on steam Turbine (Reaction type) and coolant system.

- Continually improved methods and procedures for processes, measurement, documenting and work flow techniques.

Skills

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| <ul style="list-style-type: none"> • AutoCAD • Product design • Analog/digital modulation • Mechanical drafting • Field inspections • Equipment maintenance • C, C++ and MATLAB. • Advanced understanding of CATIA and Computational Fluid dynamics. • Research, analysis and analytical • Probability and statistics • Records maintenance • Process Mapping | <ul style="list-style-type: none"> • Multitasking and problem-solving abilities. • Budgeting • Issue resolution • Performance evaluations • Advanced understanding of MS Project and Microsoft office suite (Word, Excel, PowerPoint and outlook). • Finance and accounting • Team player • Negotiations expert • Timeline management • Flexible • Risk management. |
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Education Qualification

Undergraduate Bachelor of technology – Aerospace Engineering, 09/2012 to 10/2016
SRM University, Kancheepuram, India.

Academic Experience:

- Majored in Avionics, Propulsion, Thermodynamics, Fluid dynamics, Aerodynamics, heat transfer, Vibration, rocket and missiles and Flight dynamics.
- Thesis: Space Debris mitigation, Human colonization in Triton and Bird hit in aircraft engine prevention.
- Participation in The AeroTriX All India Ornithopter Challenge organized by AeroTriX.
- Participation in 2 days workshop in Design, Fabrication and Flying of RC-Aircraft organized by Aero 360.
- Went on an Industrial training to Taneja Aerospace & Aviation Ltd, Hosur
- Went on an Industrial visit to Air Force station, Tambaram.
- Went on an Industrial visit to International Airport, Chennai (Air Traffic Control).

Postgraduate – Project Management, 09/2017 till present

Sheridan College, Mississauga ON

Academic Experience:

- Coursework in Managing Business Processes, Business Strategy for Projects, Procurement and Financial Management, Project Scope and Quality Management, Project Scheduling and Risk Management, Change Management, Managing Business process, Business Strategy and Human Resources and Communication.
- Experienced managing full project life cycle from initiation through closure using the best practice, process and standards of project management.
- Under the auspices of Sheridan college managed a 170-hour project for Deloitte that consist of producing documents like sprint plan, communication plan, risk management plan and change management plan for each sprint carried out.
- Experienced developing marketing strategies and plans for franchise.

Achievements

- Won second prize in Paper presentation on international conference conducted by International Academy of Science, Technology, Engineering and Management (IASTEM) in 2016.
- Awarded one of the best projects of the year for design and fabricating Water Tunnel in my capstone project.