

ASHOKKUMAR VEDACHALAM

E-mail: ashokkumarscw@gmail.com

RANIPET, INDIA

Mobile: +91 9655396355

PROFILE SUMMARY

Accomplished **Die Casting Engineer/ Senior Engineer (Production)** professional with extensive experience in Design, Process Planning, Product Quality Assurance Engineering, and Manufacturing Departments across the Tool Room and Preventive Maintenance sectors in the Automobile or Automotive, Semiconductor, and Die Casting industries. Skilled in plastics, rubber, aluminium, sheet metals, jigs & fixtures, and Design for Manufacturing (DFM). Demonstrates proven leadership abilities and expertise in project management, team coordination, technical skills, and improving product quality.

EDUCATION

MASTER IN COMPUTER TOOL AIDED ENGINEERING Central Institute of Tool Design, Hyderabad, India.
2009 - 2009

TOOL & DIE MAKING Nettur Technical Training Foundation Centre, Vellore, India. **2002 - 2005**

S.S.L.C. Government Boys Higher Secondary School, Ranipet, Tamil Nadu, India. **2000 - 2001**

EXPERIENCE

Senior Engineer

Zomar Technology Pvt Ltd., India.

August 2023 up to still now

- As a manufacturer of automobile components and sub-assemblies, sheet metal welded assemblies, plastic injection molding, tool & dies, and jigs & fixtures, responsibilities include overseeing production processes to ensure adherence to quality standards and timely delivery of products.
 - Additionally, optimizing manufacturing operations for efficiency and cost-effectiveness while fostering innovation and maintaining a safe work environment are essential aspects of the role.
-

Casting Engineer

Nidec Scwado Co. Ltd., Sriracha, Thailand.

June 2013 to May 2023

- Proficiently assess die-casting machine conditions, swiftly resolving issues and elevating the quality of the working environment.
- Conduct routine inspections of die-casting operations, adjusting system parameters for new setup molds, including mass production and first article (FA) mold trials for innovative projects.
- Demonstrate expertise in high-pressure die-casting machinery, contributing effectively within the Production Casting department.

- Skilfully manage a diverse range of tonnage machines, including Toyo (125-350Tons), Toshiba (350-650Tons), and Buhler (340-660Tons), optimizing die cast production processes.
- Spearhead the introduction of new products (NPI) and engage in Design of Experiments (DOE) initiatives, fostering business growth through innovative solutions.
- Implement strategic measures to enhance project quality control, resulting in reduced downtime and minimized dimensional errors.
- Exhibit exceptional control over casting defects, ensuring high rejection control and consistently achieving 100% project daily targets for productivity.

Tool Room Engineer

Vel Industries, Hosur, India.

October 2009 to June 2013

-
- Advised procedural enhancements based on comprehensive result analysis, ensuring the precise execution of work processes.
 - Identified challenges and devised strategic action plans, utilizing specialized tools to address quality concerns.
 - Authored technical descriptions for on-site field research, contributing to product quality enhancement.
 - Managed crucial project aspects, including cost estimates, schedules, and specifications, ensuring strict adherence to standards.
 - Achieved an impressive 100% goal achievement rate through meticulously planned engineering solutions.
 - Engaged with regulatory agencies to ensure compliance with codes and regulations.

Tool & Die Maker

Seksun International Pte Ltd, Yishun, Singapore.

April 2007 to January 2009

-
- Skilfully maintained press tools, minimizing errors and eliminating delays.
 - Orchestrated the setup and execution of stamping mold test activities, enhancing product quality and operational efficiency.
 - Achieved an exceptional 100% improvement in service and breakdown reduction.
 - Monitored work progress, evaluated methods, and promptly addressed concerns.
 - Ensured seamless stamping press operations and maintained accurate record documents.

Tool Maker

Brakes India Ltd, Chennai, India.

August 2005 to April 2007

- Engaged in immersive hands-on training, contributing to collective efforts with a remarkable 100% success rate.
- Demonstrated a proactive approach in executing responsibilities, enhancing efficiency and fostering continuous improvement.
- Participated actively in precision manufacturing of press tools, jigs, fixtures, and gauges.
- Produced tailored reports and articles, adapting technical content for effective communication.
- Collaborated closely with industry professionals, gaining practical knowledge and valuable insights.

PERSONAL PROFILE

Father Name	:	Mr. Vedachalam P.
Date of Birth	:	09 th June, 1986.
Age & Gender	:	37 & Male.
Marital Status	:	Unmarried (Single).
Nationality / Ethnic	:	Indian / Asian.
Religion	:	Hinduism.
Language Known	:	English, Tamil, Telugu, & Thai (Speak).
Passport No.	:	V3761847.
Date of Issue	:	08/04/2022.
Date of Expiry	:	07/04/2032.
International Driving License	:	27/IDPL/2023 (Motorbike).
License Valid Till	:	20/06/2024.
Residence	:	No.28/1, Old 4A/3, Manthaveli Street, Navalpur, Ranipet, Ranipet District, Tamil Nadu State, INDIA - 632401.

ACCOMPLISHMENTS

- o Proficient in tooling skills and process improvement within electronic manufacturing and the semiconductor industry.
- o Possess strong leadership abilities in team coordination, engineering/management, and overseeing production departments.
- o Collaborated effectively with teams to improve component dimensions, enhance product quality, and increase daily productivity.
- o Successfully led teams through project engineering and product launches, demonstrating excellent management skills.

IT SKILLS

AutoCAD, Pro/Engineer Wildfire 4.0, Unigraphics NX, ABB Robotic TAB, MS Office, MS Outlook, Six Sigma, FMEA, PPAP, APQP, QBR, TPM, ISO standards, and other quality documentation.

CERTIFICATIONS

- 1) Pre-Employment Orientation Seminar, Philippines – June 2016
- 2) Occupational Safety & Health, Singapore Polytechnic – January 2019
- 3) Fundamentals of digital marketing, Google – March 2019

HOBBIES

Running marathons, exploring adventurous travel, being a coffee enthusiast, internet surfing, reading, and utilizing eLearning platforms.

DECLARATION:

I hereby declare that the information provided is true, correct, and complete to the best of my knowledge and belief.

DATE: 29th March, 2024 (Fri)

PLACE: RANIPET, INDIA.

(ASHOKKUMAR VEDACHALAM)

Company Information and Details:

Nidec Scwado (Thailand) Company Limited, My office is located at Pinthong Industrial Estate. Thai Aluminum Casting Manufacturer, Engaged in Aluminum Die Casting. One of the leading Aluminum Casting Factories from Thailand. Manufacturer of computer hard disk drives, electronic components, and automotive parts (Aluminum ADC10, ADC12) such as helium leak models, air models, and noncomp.

Source: https://www.nidec.com/en/corporate/network/factory/sc_wado_pinthong_p