



Nikhil Chilka

Mechanical Engineer

Dedicated mechanical engineer with 4 years of experience in Oil and gas industry as a service engineer. Problem solving attitude combined with creative thinking has always ensured in finding innovative solutions to problems in my professional journey. Actively looking for an opportunity in mechanical industry to fully use my technical skills and knowledge for the benefit and growth of both me and the organization.



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SKILLS

Matlab Simulink

Microsoft Office

Communication

Travelling

LANGUAGES

Telugu

Professional Working Proficiency

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

Marathi

Full Professional Proficiency

INTERESTS

Sudoku

Rubik's cube

Go-karting

Listening Music

WORK EXPERIENCE

Sales and Service Engineer

Labcon scientific Instruments Pvt. Ltd.

04/2021 - Present,

Mumbai, India

A multi - product technical marketing, sourcing, defining, selling, installing and maintenance providing company

LABCON Scientific Instruments Pvt. Ltd., Mumbai, India, is a multi - product technical marketing company specialising in sourcing, defining, selling, installing and maintaining several state-of-art equipment for Chemical, Petrochemical and Refinery areas in all regions of India

LABCON was started in the year 1990 by a team of entrepreneurs with considerable experience in Technical sales and organizational aspects of installation and customer services. We have established a reputation for total service and customer satisfaction in the last two decades.

Achievements/Tasks

- Onsite and remote service support for customers all over India.
- Installation, maintenance, calibration and rectifying breakdown issues related to petroleum and chemical testing equipment supplied by manufacturers like TANAKA (Japan), TANNAS (USA), PILODIST (Germany), FALEX (USA), BioLab (Turkey), Forza (USA).
- Creating maintenance schedules, internal stock inventory, SOP's and recommending spare parts to customers as per their requirement.
- Providing onsite demonstrations and operational training of instruments to customers.

Service Engineer

CFR Engine Services Pvt. Ltd.

05/2016 - 03/2021,

Mumbai, India

Service provider of Co-operative Fuel Research Engines

CFR Engines Inc, the source for fuel rating equipment. Home of the renowned CFR F1/F2 Octane & CFR F5 Cetane test engines. For over 90 years, still Made in America by U.S. Craftsmen. In

December 1928,

the Cooperative Fuel Research (CFR) Committee accepted the Waukesha Motor Company design for a standardized, single-cylinder test engine to test gasoline knock. With the development of the CFR engine, the automotive and petroleum industries now had a universally accepted standard for defining fuel quality, which enabled refiners and engine builders to tailor their products to perform together more effectively. New models were quickly launched to meet additional industry needs, a cetane rating unit for diesel fuels and a supercharge version for testing aviation fuel.

Achievements/Tasks

- Installation, commissioning and overhauling maintenance of CFR petrol and diesel engines.
- Tackling problems related to both mechanical parts of engine and supporting electrical and electronic accessories.
- Gauging of various important components of engines using precision gauging instruments like Micrometer screw gauge, cylinder bore gauge, Feeler gauge etc.
- Controlling and maintaining various engine parameters like air-fuel ratio, compression pressure, oil pressure, crankcase pressure, valve tappet clearance, intake air temperature and humidity to create favorable condition for knocking in engine.
- Testing various types of gasoline and diesel samples to determine their octane and cetane numbers for both research and quality assurance purposes.

- Solving critical engine problems within a limited time to reduce the equipment's downtime.
Certifying engine performance required for petrol and diesel test rating.

Trainee Technician

Infinity Cars Private limited (BMW India's authorized dealer)

03/2014 - 08/2015,

Mumbai, India

A BMW and MINI COOPER car dealer, selling and service providing company.

Achievements/Tasks

- Onsite and remote service support for customers all over India.
- Diagnosis and troubleshooting of faults related engine mechatronics. Involves testing of ECU on ISTA (Integrated service technical application) on ISID (integrated service information display)
- Overhaul of diesel engines, complete assembling of 4,6 and 8 cylinder diesel engine.
- Fixing repairs and maintenance related to suspension, Brakes and Air conditioning system .

ORGANIZATIONS

Infinity Cars Pvt Ltd.(05/2014 - 08/2015)

- Got a trainee technician job by cracking interview in May 2014
- Use to manage special tools which use to service engines.
- After 4 months of special tools training started to assist senior mechanic to overhauling 4,6 and 8 cylinder engines.

CFR Engine Services Pvt Ltd, Mumbai, India (05/2016 - 03/2021)

Service Engineer

- Started working as a trainee service engineer from May 2016.
- After three months of training promoted as service engineer in August 2016, started working on installation projects with the team.
- Started working on projects individually, started handling customers region wise, individually from January 2017.

Labcon Scientific Instruments Pvt Ltd, Mumbai, India (04/2021 - Present)

Sales and Service Engineer

- Got placed in March 2021 as Sales and Service Engineer.
- Started training with senior service engineers from April 2021.
- After one month of training started working individually from May 2021

CERTIFICATES

BMW technical training level 3 India 2015

Participated from Infinity Cars pvt Ltd.

Design and Fabrication and Sterling Engine

presented a paper titled "Sterling Engine on external source in Black Book"

PERSONAL PROJECTS

Internship Training of Lathe Machine at Adarsh Technical Institute, Bhayander, Mumbai

EDUCATION

HSC

Dnyan Pushpa Vidya Niketan and Junior College
06/2007 - 05/2009,

Second Class

B.E. Mechanical

Rajiv Gandhi Institute of Management and Technology
06/2009 - 06/2013,

Nagpur, Maharashtra Courses

▫ Design and Fabrication of Sterling Engine