



DEEP UMESH DWIVEDI

Mechanical Engineer | Designer | Robotacist

+917597177316 | deepumeshdwivedi@outlook.com

6/402, Bansi Residency

Bh. Labh Residency, Atladara,

Vadodara, Gujarat, India - 390012

Objective

Looking for a suitable opportunity in an organisation where I can utilise my skills and knowledge and become an engineer who is able to solve problems even in adverse conditions and ready for the future with knowledge of advance technology.

Training & Internship

Aug 15-Oct 15 CSIR-CEERI, Pilani

Trainee, ESA Department

Jun 14-July 14 Elecon Engineering Company Pvt. Ltd

Intern in Quality Assurance Department, Gear Division

Courses & Certifications

2015-present Certified Solidworks Associate

Dassault Solidworks 2015

July 2015 CAD Professional

Certified Solidworks Training Centre

2014-present Microsoft Certified Professional

Microsoft Corporation(Certiport)

Microsoft Office (2013) Specialist and Microsoft Technology Associate (MTA) in Software Development Fundamentals.

2011-2014 Robotics and Embedded Systems

Gridbots Technologies Private Limited

Education

2011-2015 B.Tech(Mechanical Engineering)

Jaipur Engineering College & Research Centre

Rajasthan Technical University (Honours)

2009-2010 Senior Secondary

Kendriya Vidhyalaya No 1, Vadodara

Central Board of Secondary Education (C.B.S.E.)

(Physics, Chemistry, Mathematics, Biology) Secured 86.2%

2007-2008 Secondary

Kendriya Vidhyalaya No 1, Vadodara

Central Board of Secondary Education (C.B.S.E.)

Secured 88.6%

Test Scores

Aug 15-Sept 15 Graduate Aptitude Test in Engineering (GATE) 2015

Score : 419

Jun 14-July 14 IELTS English Language

Score : Band 7.5



**Microsoft
CERTIFIED**
Professional

Microsoft Certified
Professional

Skills

- Teamwork & Leadership
- Troubleshooting
- Project Management
- Good Programming
- Unconventional Problem Solving
- Designing in Adobe Photoshop

Hobbies

- Reading Short Stories & adventure Novels.
- Analyzing signatures & handwriting.
- Travelling to new places & having interactions with new people.
- Singing

Rewards & Achievements

2012 - 2015

Head Coordinator

Xananoids : The Robotic People
Robotics club of JECRC

2014

Core Team Member

Renaissance' 14
National Level Techno Cultural Festival of JECRC

2007 - 2010

Scout Troop Leader (Bharat Scouts and Guides)

Rajya Puruskar Awardee and Scout Troop leader of Kendriya
Vidhyalaya No. 1, Vadodara

Projects

- **Articulated Robotic Arm for Defense and Industrial Purposes:** Major and Minor Project for the IVth year according to the curriculum of Rajasthan Technical University.
- **Autonomous line following Hovercraft** with obstacle detection.
- **Industry level Intelligent Grid Solving Algorithm:** An algorithm capable of solving infinite consecutive points in a grid.
- **Selectively Compliant Assembled Robotic Arm (SCARA)** capable of writing Characters and Words. This is first of its kind of robotic arm made by engineering students.
- **Wireless Data Transmission (Trans-Receiver) using Infrared (IR) sensors:** A pair of devices that can perform as chatbox when connected to hyperterminal.
- **Intelligent Line following Robot** with Obstacle detection.

Extra-Curricular Activities

- Member of **International Association of Engineers (IAENG)**
- Presented Papers on:
 - **Industrial Applications of Robotic Arm** and
 - **History, Present and Future of Hovercraft**at All India National Conference on "Recent trends in Mechanical Engineering" (NCRTME) organized by **The Institute of Engineers**
- Represented JECRC Foundation at Science and Technical Exhibition organized by **Department of Science and Technology** on National Science Day.

Language Proficiency

English

Fluent

Read, Converse, Write

Hindi

Native

Read, Converse, Write

Sanskrit

Beginner

Read, write

Gujarati

Business

Read, Converse

References

Mr. Dhruv Pandya

Vice President

Lear Corporation
DPandya@lear.com
+91-9978924789

Mr. M K Bhamawat

Director

Mangalam Steel Cast Pvt Ltd
bhamawat@mangalamsteel
cast.com
+91-9879533206

Dr. Aalok Pandya

Professor and Head

Department of Physics,
JECRC University
aalok.pandya@jecrcu.edu.in
+91-9413906368

Portfolio

