



DEEP UMESH DWIVEDI

Mechanical Engineer | Designer | Robotacist

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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.

Work Experience

- Mar 16-Present Co-founder & AVP Product**
IC Labs, Jaipur
Designed and Developed AwakeY smart Locks, Managing production, App design (UI/UX) and development, Coordinating with other departments (Hardware, firmware, assembly). Also acting as Jaipur Head
- Aug 15-Sep 15 TraineeCSIR-CEERI, Pilani**
CSIR-CEERI, Pilani
ESA Department
- Jun 14- July 14 Intern**
Elecon Engineering Company Pvt. Ltd.
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%



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

Test Scores

Aug 15-Sep 15	Graduate Aptitude Test in Engineering (GATE) 2015 Score : 419
Jun 14-July 14	IELTS English Language Score : Band 7.5

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. Druv Pandya
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Portfolio

