

RAHUL SHARMA

ELECTRICAL ENGINEER

CONTACT



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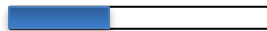
FNO:A11 Regency Park
Society Talegaon Dabhade
Pune

SOFTWARE

Draft Sight



AutoCad



C Language



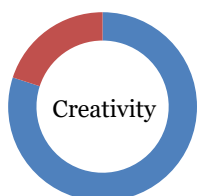
PLC-ISPSOft



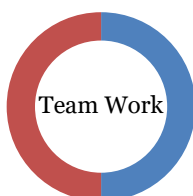
MS Office



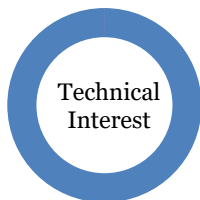
EXPERTISE



Creativity



Team Work



Technical
Interest



Management

INTEREST



PROFILE

Operational Engineer with an experience of 2.5 years in the field of Defence development projects where I had learnt about design documents, bill of material, PLM documentation, wiring chart preparation, debugging VxWorks, communication over LAN, 1553, Serial and designing of control panels.

WORK EXPERIENCE ON DIPLOMA

Designation: OET
Larsen & Toubro Defence

Feb 2015 – Jul 2017

- Hands of Experience on Manufacturing Process
- Standard PCB Debugging
- Assembly and Integration of Defence Systems
- Testing of Radar and Missile Systems
- Test jig Design and Debugging

EDUCATION

- Bachelor in Electrical Engineering 2016-2019
D Y Patil I E T – SGPA 6.65/10
- Diploma in Electrical Engineering 2011- 2014
Government Polytechnic Gorakhpur – 77%
- Intermediate 2007-2009
SDIC Orai – 66%
- High School 2005-2006
SVHSS Orai – 58%

OTHER CERTIFICATES

- Certification in **MS Office** from **NIIT Gorakhpur**.
- Certificate from **NE Railway Gorakhpur** for one month **Industrial Training**.
- Certificate from **Govt. Polytechnic Gorakhpur** for excellent efforts in **Final Year Project**.
- Certificate for being topper (Top 5%) in **Control Engineering** from **IIT Madras** via NPTEL.

L&T PROJECTS:

| Customer | DEFENCE |
|-------------------------|--|
| Project Name | SURFACE TO AIR MISSILE LAUNCHING SYSTEM (PROTOTYPE) |
| Role | Manufacturing And Testing. |
| Responsibilities | <ul style="list-style-type: none">• Leading a team of four peoples during manufacturing.• Analysis and Integration of assembly according to design.• Testing of complete system according to cyclogram.• Debugging of issues detected during the Launch of Missile.• Finding out the ways to make fast execution for the future systems. |
| Duration | 2.5 Months(May 2017-Jul 2017). |
| Summary | It is a missile launching system from surface to air having base fixed on a vehicle. The whole system is portable from one place to another. |
| Work Location | Talegaon (Maharashtra). |

| Customer | BRAHMOS |
|-------------------------|--|
| Project Name | FCS |
| Role | Manufacturing, Assembly And Integration Of System. |
| Responsibilities | <ul style="list-style-type: none">• Testing of missile simulator and verifying the parameters like flight etc.• Testing of missile control system devices.• Providing directions during assembly of complete systems.• Power up and uploading the software in each SBC of the units.• Establishing communication between missile simulator and control system.• Testing of target data reception like CMS, REVATHI, and SWISS.• Calculation and debugging for the trajectory.• Firing the missile with simulator as well as actual missile mode.• Testing of hatch operation during firing.• Hydraulic operations for the lift up of missile.• Final testing of system as per the cyclogram. |
| Duration | 11 Months(Jun 2016-Apr 2017). |
| Summary | Fire control system is a cruise missile firing system. It has the capability to hit the target in the range of 300 km and has the speed of 2.8 to 3.0 |

| | |
|----------------------|-------------------------|
| | knots. |
| Work Location | Talegaon (Maharashtra). |

| Customer | DEFENCE |
|-------------------------|---|
| Project Name | TELEMETRY |
| Role | Testing And Design Consolidation Of Radar. |
| Responsibilities | <ul style="list-style-type: none"> • Testing of RF and IF cables. • Design consolidation of command shelter. • Assembly and integration of command shelter. • Testing of antenna shelter with command shelter. • Final inspection of system with customer. |
| Duration | 7 Months(Nov 2015-May 2016). |
| Summary | It Is Radar System Which Tracks The Object From The Bore Sight. It Also Has Optical Camera To Take Snapshots. |
| Work Location | Talegaon (Maharashtra). |

| Customer | DEFENCE |
|-------------------------|---|
| Project Name | GRADBM |
| Role | Testing Of NCNC Prototype Vehicle. |
| Responsibilities | <ul style="list-style-type: none"> • Analysis of old Ural Russian vehicle. • Testing of gear box system and “PTO” for Ashok Leyland vehicle. • Debugging the issues of power systems for new vehicle. • Preparation of cyclogram for new Indian vehicle base rocket launcher. |
| Duration | 2 Months(Sep 2015 - Oct 2015). |
| Summary | It Is A Rocket Launching System. It Has Three Different Power Sources To Fire The Rocket From The Vehicle. They Are Used To Provide The Backup In Case Of Failure Of One And Other. |
| Work Location | Talegaon (Maharashtra). |

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|-------------------------|---|
| | |
| Customer | DEFENCE |
| Project Name | STABILIZER SYSTEM FOR SHIP |
| Role | Manufacturing And Testing. |
| Responsibilities | <ul style="list-style-type: none"> • Troubleshooting of Integrated system. • Modification in the electrical design of control panels to make it work according to the system requirements. • Change in the circuit design of cards to resolve the behavior issues of the system. • Tuning of hydraulic, software, electronic and electrical parts of system with the help of respective teams. • Final inspection of system with customer. |
| Duration | 4 Months(May 2015-Aug 2015) |
| Summary | Ship has a problem of handling the waves which can cause a great damage to it. To avoid this “fins” are used which are controlled by taking the feedback from the “gyro”. According to the data given by the gyro hydraulic system is operated to correct the roll of the ship. |
| Work Location | Talegaon (Maharashtra) |

Place: Pune

(Rahul A Sharma)