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**MOHAMMED HAMID**  

Software Engineer with strong foundations in OOPs, Data Structures, Algorithms on Graphs and Strings, Databases(MySQL,PostGres),Linux, Data Visualization, Process and Testing and exp in test driven development.

Current Designation: Senior Software Engineer - I  
Current Company: Atonarp Microsystems PVT LTD  
Current Location: Bengaluru / Bangalore  
Pref. Location: Bengaluru / Bangalore  
Functional Area: IT Software - Application Programming / Maintenance  
Role: Team Lead/Tech Lead  
Industry: IT-Software/Software Services  
Marital Status: Single/unmarried  
Key Skills: Software Development,Team Lead,Object Oriented Programming,Data Structures,Algorithms,Databases,Linux,Statistics,Process and Testing Automation,Data Acquisition and Visualization,Python,Java,MySQL,Parallel programming,Selenium,Pytest,Jenkins,Git,JIRA  
Verified :  Phone Number | Email - id

Last Active: 22-Jan-21 Last Modified: 22-Jan-21

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## Summary

A result oriented engineer with an experience of 2 Years. Graduated with a major in Electrical and Electronics Engineering with a CGPA of 8.49/10 and minor in Computer Science and Engineering with a CGPA of 8.15/10. Strong foundations in Object Oriented Programming, Data Structures, Algorithms on Graphs and String, Databases, Statistics, Data Visualization and Process Automation. Proficient in Python, Java, Linux, and Test Automation tools(Pytest, Selenium, Jenkins). I have an experience of working in R&D facility which fabricated Mass Spectrometers. I always believe in best practices and test driven development. I like solving tough computational problems. Looking forward for roles in Software Development, and Data Science

## Work Experience

- Atonarp Microsystems PVT LTD** as Senior Software Engineer - I  
Nov 2020 to Till Date  
Responsible for Backend Services
- Atonarp Microsystems PVT LTD** as Software Engineer  
Apr 2018 to Nov 2020  
Responsible for Algorithm design for the protection of the Hardware and Software, Software Development for Data Acquisition and Visualization, Process and Testing Automation

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## Education

UG: **B.Tech/B.E. (Electrical)** from **PES institute of technology, Bangalore** in **2018**

Other Qualifications/Certifications/Programs:

Algorithmic Toolbox  
Data Structures  
Algorithms on Graphs

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## IT Skills

Skill Name	Version	Last Used	Experience
Python			



### Important

- Using Free CV Search you have access to featured candidate profiles of Naukri. You can browse through the profiles and email the candidates of your choice directly using the email option provided. To prevent misuse of candidate information, contact details and attached resume of the candidates have been withheld.

Java Programming
Linux
MySQL
PYTEST
SELENIUM
git, Jira
Data Structures
Algorithms on Graphs
Algorithms on Strings

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## Languages Known

Language	Proficiency	Read	Write	Speak
ENGLISH				
HINDI				

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## Projects

- Project Title:** Automation of Lyophilization Processes  
**Client:** Atonarp Microsystems PVT LTD  
**Nature of Employment:** Full Time  
**Duration:** Sep 2019 - Oct 2019  
**Onsite / Offsite:** Offsite

**Project Details:** Lyophilization processes requires a constant composition of gases inside the process chamber

Designed an automated control system using Mass Spectrometer to ensure optimum gas mix in the process chamber.

Worked for pharmaceutical giants Pfizer and IMALife, which share the bulk of the \$2.5 billion Lyophilization Industry.
- Project Title:** Data Scraping from Unorganized Data set using Python  
**Client:** Atonarp Microsystems PVT LTD  
**Nature of Employment:** Full Time  
**Duration:** Aug 2019 - Sep 2019  
**Onsite / Offsite:** Offsite

**Project Details:** Led the development of a software tool in Python for data scraping to gain insights from the data generated as a byproduct of hardware testing in Fabrication Centers

The tool ranked hardware components with respect to internal benchmarks to identify high-quality components

The infrastructure helped to assemble and customize systems costing over \$55,000
- Project Title:** Algorithm Design for Determining Sensor Health  
**Client:** Atonarp Microsystems PVT LTD  
**Nature of Employment:** Full Time  
**Duration:** Aug 2019 - Oct 2019  
**Onsite / Offsite:** Offsite

**Project Details:** Designed an algorithm using curve fitting to evaluate the health of hardware sensors in real time

Prevented sensor damages worth \$5000 in every system deployed in stress conditions
- Project Title:** Software Development for Data Acquisition and Reports Generation  
**Client:** Atonarp Microsystems PVT LTD  
**Nature of Employment:** Full Time  
**Project Location:** Bengaluru  
**Role:** Project Leader  
**Duration:** Jun 2019 - Jul 2019  
**Onsite / Offsite:** Offsite  
**Team Size:** 1

**Skill Used:** Data Structures, Software Development, Software Testing, Integration  
**Project Details:** Led the development of a software tool in Python to automate data acquisition for multiple hardware and software configurations; automated the data analysis and insight generation from the acquired data

Identified hardware and software Key Performance Indicators and their impact on Mass Spectrometer modification

Optimized the turnaround time required to analyze the impact of design changes made to the Mass Spectrometer from 3 months to 12 hours
- Project Title:** Emulator Design for a Microcontroller  
**Client:** Atonarp Microsystems PVT LTD  
**Nature of Employment:** Full Time  
**Duration:** Apr 2018 - Aug 2018  
**Onsite / Offsite:** Offsite

**Project Details:** Simulated a microcontroller to enable testing of drivers, eliminating the need for actual hardware.

Successfully coupled mathematical model of the hardware with the

Successfully copied mathematical model of the hardware with the simulated microcontroller

Received Pre-Placement Offer (PPO) for this project

- Project Title: Team Vega Racing, Electric Automotive Club

Client: Atonarp Microsystems PVT LTD

Nature of Employment: Full Time

Duration: Apr 2017 - Dec 2018

Onsite / Offsite: Offsite
- Project Details: Led a team of 40 members towards fabrication of an Electric Four Wheeler
- Received INR 10 Lakhs from PES University and INR 50000 from Nippon Ind

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## Affirmative Action

Category: General  
Physically Challenged: No

## Work Authorization

Job Type: Permanent  
Employment Status: Full time

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