# YOUR COMPLETE CHECKLIST FOR UPSKILLING IN BMS ENGINEERING KNOWLEDGE

**Hamza Mohamed Ansari**

SmartBuildingEngineering.com



Over the past decade, I've been deeply involved in the BMS industry in the Middle East, specializing in testing & commissioning, programming, as well as design & estimation for numerous projects.

This experience has provided me with extensive insight into the essential skills and knowledge needed to excel in the BMS field.

This checklist is designed to simplify your upskilling journey in BMS Engineering. It provides a clear and structured pathway to acquire the necessary skills and expertise in this dynamic and evolving industry

- HAMZA MOHAMED ANSARI

Upskilling in BMS (Building Management Systems) is very important for growing your career.

It's like making a good plan for a journey. When you learn more about BMS, step by step, you can move up to higher job positions. This is like building strong steps to climb higher in your career.

If you don't have a plan, it can be hard to reach your goals. You might learn many things, but without a plan, it's hard to know if you're going in the right direction.

With a good plan, you know exactly what to learn and how it helps your career. So, start planning your learning now. It will help you a lot in the future.

Every new thing you learn can open new doors for you at work. Let's make your learning useful and help you grow in your job! 🌟📑🚀

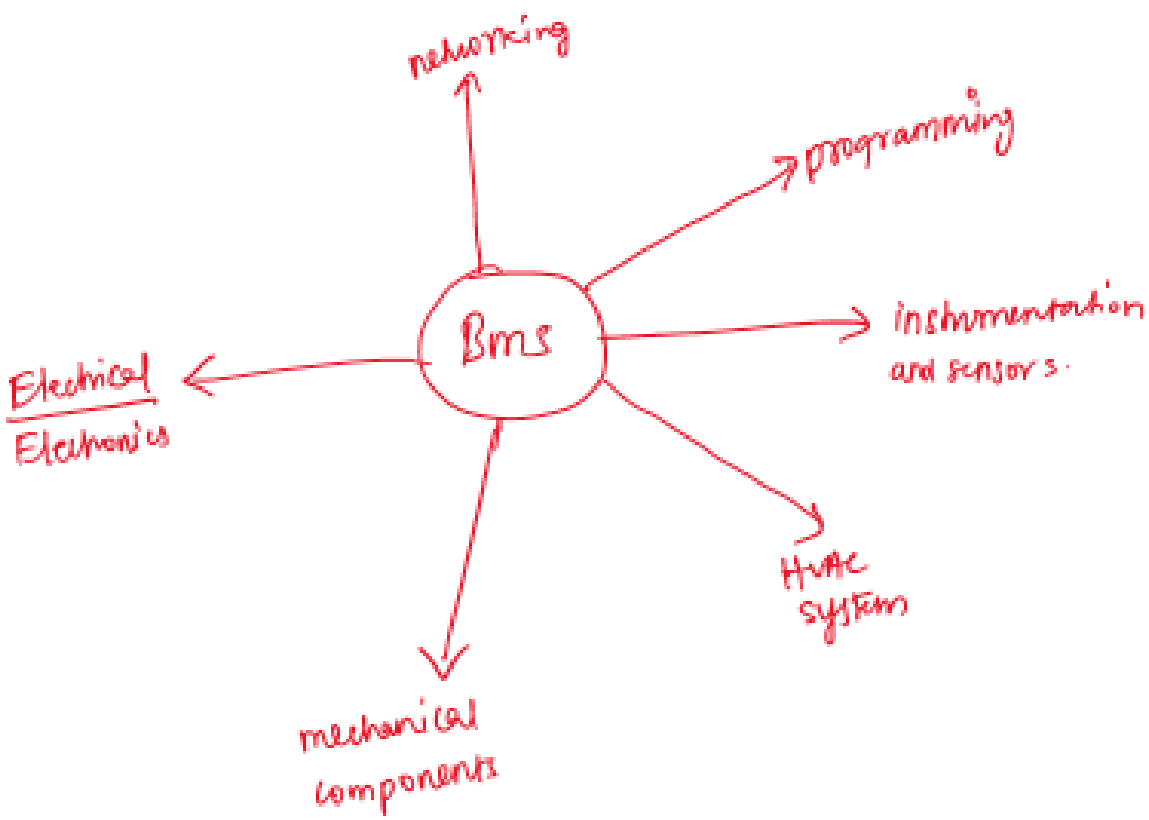
- [ ] Step - 1 : Understand the Overall BMS Knowledge Areas
- [ ] Step - 2 : List out the all topics you have to learn
- [ ] Step - 3 : Schedule a 2 Months Planner to learn each topics
- [ ] Step - 4 : Don’t Forget to take notes while you learn
- [ ] Step - 5 : End of 2 Months - Revise all the topics
- [ ] Step - 6 : Check out all possible BMS Engineering roles
- [ ] Step - 7 : Try to collect various resumes of job Roles
- [ ] Step - 8 : Prepare Different resumes for various roles
- [ ] Step - 9 : Now Look for various BMS Jobs
- [ ] Step - 10 : Apply for a Job and repeat step 9

## ☑ Step - 1 : Understand the Overall BMS Knowledge Areas

Begin Your BMS Journey Easily! First, take 2 to 3 hours to learn about BMS. Watch 3 to 5 simple videos on YouTube that explain BMS basics.

Then, read about 5 articles on Building Management Systems. This is like getting a big picture view or a quick look at what BMS is all about.

It's like seeing BMS from high above, to understand its different parts. 🌐🏢👀



## ☑ Step - 2 : List out the all topics you have to learn

- ☐ **Electrical & Electronics**
- ☐ .
- ☐ ..
- ☐ .....
- ☐ **Instrumentation & Control System**
- ☐ .
- ☐ ..
- ☐ **HVAC System**
- ☐ .
- ☐ ..
- ☐ .....
- ☐ **Programming**
- ☐ .
- ☐ ..
- ☐ .....
- ☐ **IT Networkings**

## Step - 3 : Schedule a 2 Months Planner to learn each topics

### Weekly Planner

**Month :** ..... **Week :** .....

| | |
|---|---|
| Monday | Notes : |
| Tuesday | |
| Wednesday | |
| Thursday | |
| Friday | Priorities : |
| Saturday | |

## ☑ Step - 4 : Don't forget to take notes while you learn

Taking notes is key for revising later. It helps you remember important details, organize your thoughts, and makes reviewing easier, leading to better understanding and retention. 📝💡📚



## Step - 5 : End of 2 Months - Revise all the topics

Convert the Note taken in PDF & revise it and test yourself.

- Visit chat.openai.com
- Attach the PDF document into Chat GPT.
- Write the following prompt and test yourself and be ready for the concepts you have learned

Generate a series of detailed multiple-choice questions covering key concepts based on the attached note taking documents . Each question should have one correct answer and three incorrect options, providing a comprehensive test of understanding in BMS . ask me Different questions types to test my knowledge based on attached pdf . provide question one by one and wait for my answers as like interviewer. and correct/suggest me if I have given wrong answers. ask me atleast 100 questions, until i have given command/prompt to STOP

## Step - 6 : Check out all possible BMS Engineering Roles

- List out all Possible BMS Engineering Roles
- Check Linkedin, Job Portal

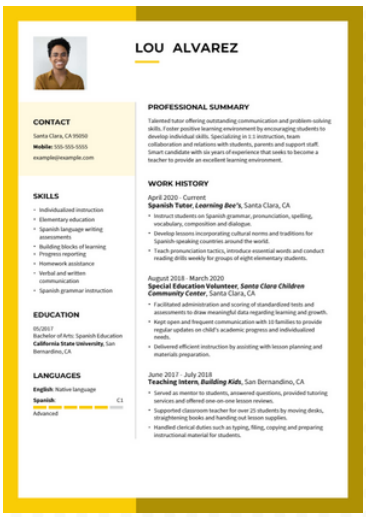
## Step - 7 : Try to collect various resumes of job roles

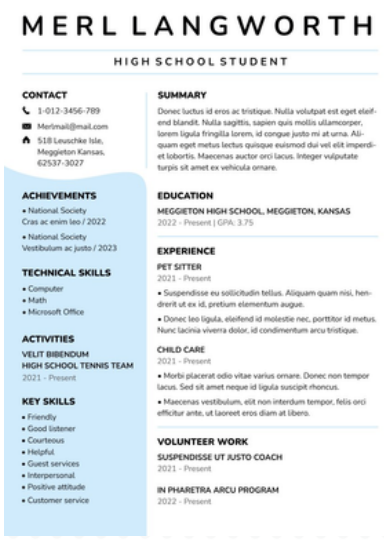
- Check & download various resumes of experienced BMS Engineer
- List out the various activities of their roles & responsibilities and understand it.

## Step - 8 : Prepare different resumes for various roles

Now, prepare resumes tailored for different roles based on the knowledge you have acquired and the responsibilities associated with each role .



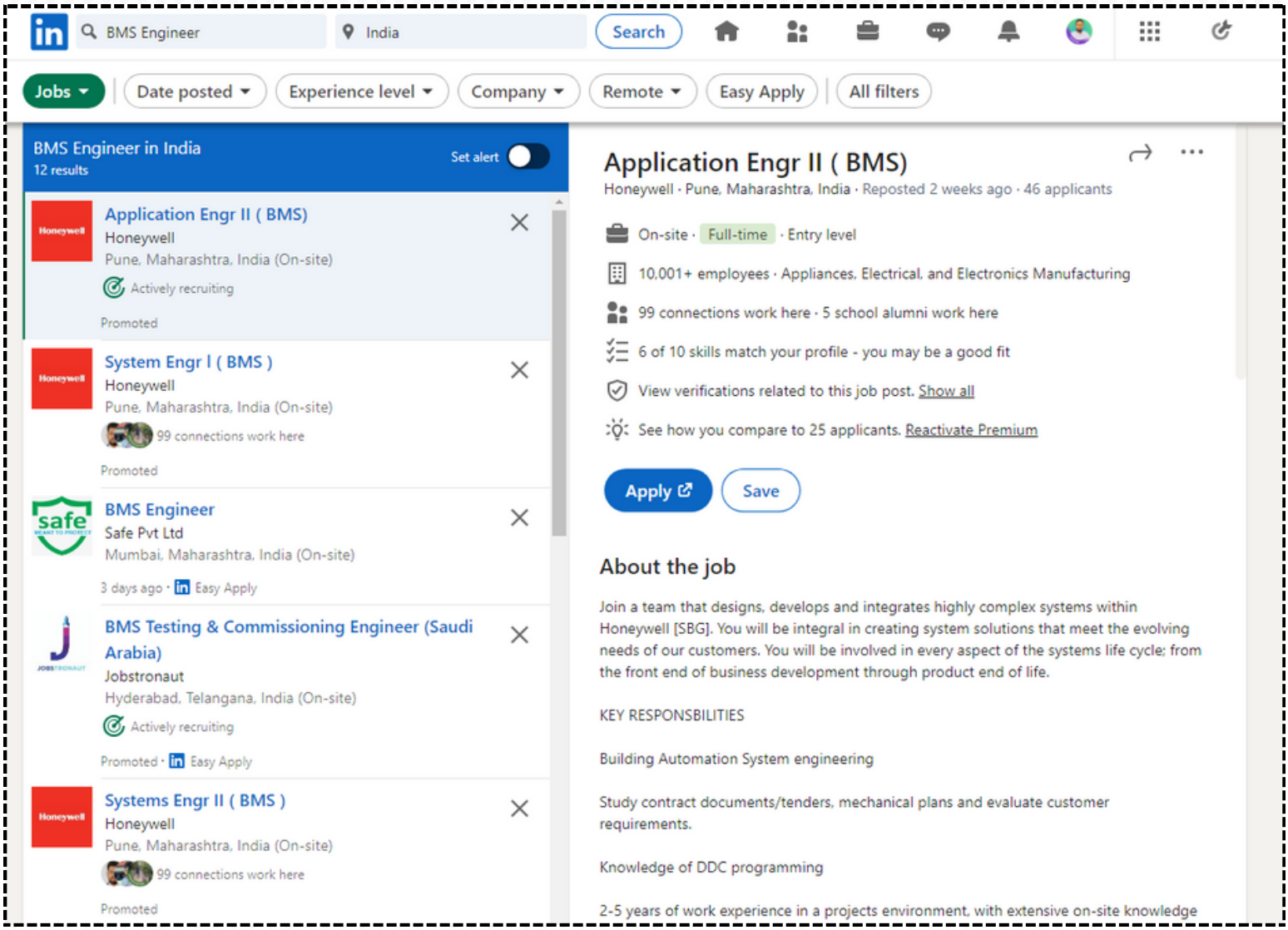






## Step - 9 : Now Look for various BMS Jobs

- Visit Linkedin
- Search for BMS Jobs by filtering out various categories such as Locations, Company, etc if required



## Step - 10 : Apply for a Job and repeat step 9

- **Apply for Jobs:** Submit your applications to targeted positions.
- **Research Companies:** Don't just wait for responses; research the companies you've applied to.
- **Network on LinkedIn:** Connect with relevant engineers in the industry for insights and opportunities.
- **Engage with HR Consultancies:** Approach HR consultancies and submit your resume for broader exposure.
- **Check Daily Newspapers:** Regularly look for job interviews and opportunities announced in daily newspapers.



# Thank you!

IF YOU ARE INTERESTED TO LEARN MORE ABOUT BMS.

CONNECT WITH US OVER WHATSAPP



CLICK