Vibha Burman

New Delhi, India| +91 9953798790| [vibhaburmanbcas@gmail.com](mailto:vibhaburmanbcas@gmail.com)

\_ I aspire to be a part of a forward-thinking organization that values a diverse range of work and perspectives. I seek an environment that fosters collective excellence, encourages technical growth, and embraces new ideas and concepts to drive overall organizational development. My goal is to leverage my educational background and skills to contribute effectively to the achievement of the company's objectives.

**SKILLS\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

|  |  |
| --- | --- |
| Javascript | Softwares Solidworks, AutoCAD |
| Cascading Style Sheets | Multi- tasking and Adaptable |
| HTML | Leadership quality |
| IoT [Internet of Things] | Good communication skills |
| Bootstrap | Arduino/Raspberry Pi |
| Java | Well versed with Microsoft Office Tools |
| Web development | Well versed with Embedded System |

**PROJECT EXPERIENCE\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**IoT enabled Floor Cleaning Robot (M.Tech) 2019**

* Developed a prototype for a floor cleaning robot.
* CAD Design- 3D CAD modeling in AutoCAD.
* Analysis- SolidWorks.

**Design and Fabrication of Regenerative Braking System (B.Tech) 2016**

JNS Infra Tech Pvt. Ltd (Subsidiary of Delhi Metro Rail Corporation)

* + Quality and performance check of vehicles and making check sheets.

**Design and Fabrication of Antilock Braking System (B.Tech) 2015**

JNS Infra Tech Pvt. Ltd (Subsidiary of Delhi Metro Rail Corporation)

* + Quality and performance check of vehicles and making check sheets.

**PROFESSIONAL EXPERIENCE \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

|  |  |  |
| --- | --- | --- |
| **S.No.** | **Company** | **Month, Year** |
| 1. | **Bureau Civil Aviation of Security (BCAS)** | Mar 01, 2021-Nov 30, 2021 |
|  | Designation: Technical DEO |  |
|  | Worked with technical departments to handle data on drone project and automatic biometric systems used at airports.  Creating and maintaining databases.  Developing server-side applications and APIs.  Handling data storage, retrieval, and management.  Ensuring security and scalability of web applications.  Collaborating with frontend developers for seamless integration. |  |
| 2. | **Cynet Systems** | Dec 15, 2021-Nov 30, 2022 |
|  | Designation: Talent Acquisition Associate |  |
|  | Collaborated with notable clients such as Intel, Agilent Technology, KLA Corp., and Siemens on various web application engineering and web development analyst projects. Technical Expertise: Managed a diverse range of technical requirements, including Web Development Engineer, Web Developer, Interactive Web Designer, PHP Developer, technical writers, system engineers, service project managers, manufacturing technicians, and logistic technicians.  Proficiently utilized web development languages, including HTML, CSS, Bootstrap, and JavaScript within the Visual Studio Code (VS Code) environment. |  |
| **3.** | **eTeams** | **Jan 2023 – June 2023** |
|  | Designation: Technical Recruiter |  |
|  | Specialized in technical requirements for frontend developers, backend developers, and full-stack developers in web development.  I have acquired extensive knowledge in web development, including JavaScript, HTML, CSS, Bootstrap, and other related technologies, covering frontend, backend, and full-stack development.  Worked on web development projects for clients such as T-Mobile, Verizon, and WestRock.  Worked with senior positions for web engineering, Backend Web Engineer, Senior Web Developer, Web Development Lead, Web Development Manager, Web Development Coordinator, Web Development Consultant web architectural, web applications related projects.  Proficient in utilizing various talent search platforms, including: Indeed, Broadbean, LinkedIn, AWS, Monster, Career Builder, JobDiva, Field Glass (SAP tool). |  |

**SCHOLASTIC QUALIFICATIONS \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.NO.** | **DEGREE AWARDED** | **UNIVERSITY** | **YEAR** |
| 1. | M.Tech (Master of Technology)  Specialization: Robotics and Automation Engineering | Indira Gandhi Delhi Technical University for Women, Delhi, India | 2018-2020 |
| 2. | B.Tech (Bachelor Of Technology) Specialization: Mechanical Engineering  and Automation Engineering | Indira Gandhi Delhi Technical University for  Women, Delhi, India | 2013-2017 |

**SUMMER TRAININGS \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

|  |  |  |
| --- | --- | --- |
| **S.No.** | **Company** | **Month, Year** |
| 1. | JNS Infra Tech Pvt. Ltd (Subsidiary of Delhi Metro Rail Corporation) | July, 2016 |
| 2. | JNS Infra Tech Pvt. Ltd (Subsidiary of Delhi Metro Rail Corporation) | July, 2015 |

**PUBLISHED RESEARCH PAPERS [LNME] \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. Burman V., Kumar R. (2021) **IoT-Enabled Automatic Floor Cleaning Robot**. In: Kumar A., Pal A., Kachhwaha S.S., Jain P.K. (eds) Recent Advances in Mechanical Engineering. **Lecture Notes in Mechanical Engineering**. Springer, Singapore. https://doi.org/10.1007/978-981-15- 9678-0\_60
2. Boro V. V., Burman V., Kaur A., Soni M., Bhati P. (2021) **Calibration of Temperature and Pressure Sensors for DAQ System in Air Conditioning Test Rig.** In: Dr. V. C. Pandey, Dr. P. M. Pandey, Dr. S. K. Garg (eds) Recent Advances in Electromechanical Technologies. **Lecture Notes in Mechanical Engineering**. Springer, Singapore. https://doi.org/10.1007/978- 981-15-5463-6\_30

**ACCOMPLISHMENT [PARTICIPATIONIN CONFERENCE] \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

* 1. **Floor Cleaning Robot** is presented at 4th International Conference on Computational & Experimental Methods in Mechanical Engineering (ICCEMME-2023) at GL Bajaj Institute of Technology & Management held on Feb 09-11, 2023.
  2. **Floor Cleaning Robot** is presented at the International Conference on Energy, Material Sciences and Mechanical Engineering (EMSME-2020) at NITD for publishing in LNEE Springer Publication.
  3. **Wheel Robot-A Review** is presented at International Conference on Innovation in Cyber Physical Systems (ICICPS-2020) at HMR Institute of Technology and Management held on October 22-23, 2020.
  4. **Role of IoT in Industry 4.0** was presented in the 1st International Conference on Energy, Materials Sciences and Mechanical Engineering (EMSME - 2020) organized by Department of Mechanical Engineering, National Institute of Technology Delhi, Delhi, India held during October 30-November 1, 2020.
  5. **IoT-enabled automatic floor cleaning robot** was presented at Recent Advances in Mechanical Engineering organized at Delhi Technical University held on September 18-19, 2020.
  6. **Treatment of Central Airway Obstruction (CAO) using 3D printed Airway Stent and Effect of UV rays on 3D printed PLA Nerve Guided Conduits (NGCs)** were presented a poster at International conference on Asian Polymer Association at International Center Goa, APA STERMI-2019.
  7. **Calibration of Temperature and Pressure Sensors for DAQ System in Air Conditioning Test Rig** was presented at International Conference on Emerging Trends in Electro-Mechanical Technologies and Management organized by HMR Institute of Technology and Management held on July 26-27, 2019.

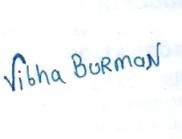
**CERTIFICATES\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. Certificate of Completion is awarded by Coding Ninja for completing the training on “Introduction to JAVA” and “Data Structures in JAVA” conducted from February 2023 to May 2023.
2. Certification of Excellence is awarded by Coding Ninja for completing the course on “Introduction to JAVA” and “Data Structures in JAVA” conducted from February 2023 to May 2023.
3. Attended IoT workshop [Arduino & Peripheral Interfacing] at Indira Gandhi Delhi Technical University for Women organized by ETI Labs held on January 2019.
4. Certification in yoga Morarji Desai National Institute of Yoga.

***Declaration:***

I declare that I am well-versed in Mechanical and Automation Engineering, and I also bring valuable experience as a frontend developer. The information provided above is true to the best of my knowledge, and I take full responsibility for the accuracy of the details mentioned."

**Signature:**

****