

Mugdha Limaye,

Patent Analyst, Competitive & Technology Intelligence Registered Indian Patent Agent.

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Summary: Patent Analyst with expertise in IP management and experienced in data analytics and visualization. Continuously seeking opportunities to develop skills pertaining to digitization/automation and innovation management.

Skills & Software competencies:

Skills: Patent analysis, Patentability, Infringement analysis, Technology Landscape, Prior art searches, Product evaluation studies, Design search, Idea generation and evaluation using TRIZ, Technology Competitive Intelligence, Market Research, Product Management

Software/Tools: Power BI, Tableau, C programming, MATLAB, MS Excel, MS Word, Mathcad Prime, Latex, Power Automate

Work Experience:

➤ **IP Analyst (Senior Engineer) at Eaton Corporation Pune. (28/11/2016-Till Date).**

1. Patent Data Analytics and creating reports for various technology programs for new product development and research.
2. Technology and Competitive Intelligence: Creation of competitor intelligence reports, technology intelligence reports to help product team come up with value proposition for various technologies or products, providing detailed product and market research.
3. Assisting in disclosure writing and disclosure filing processes.
4. Experienced for work products such as patentability searches, freedom to operate studies, and invalidity searches.
5. Experience in evaluating and exploring various patent and non-patent databases.
6. Guided product development projects end to end at every phase for intellectual property generation, evaluation and filing.
7. Database Co-ordination: Management & co-ordination of patent database licenses within team.
8. Patent Enforcement Activity/Licensing: Creation of EoU's, claim charts, infringement analysis, comparison of target products.
9. IP strategy: Evaluation of target technologies from ability to block others, commercialization.
10. Power BI data analytics and dashboard creation for various reports.
11. Developing power automate flow for digitalization of internal processes

➤ **Project Assistant 2 in CSIR-URDIP, Pune. (03/08/2015-15/11/2016)**

1. Patentability searches, Freedom to operate analysis, prior art searches, Landscape analysis, Product Evaluation.
2. Handled projects in various domains like automotive electronics, image processing, signal processing, communication, digital systems and embedded systems.
3. Worked on projects for different private sector organizations, government organizations as well as individuals.
4. Paid databases as well as free databases like Patbase, Thomson Innovation, Patseer, Questel Orbit, and Espacenet.

➤ **Quality Assurance in PTC Software India ,Pune. (09/10/2014- 06/03/2015)**

1. Involved performing manual testing operation on Mathcad Prime software and Creo like GUI testing, performance testing.

Academics:

- Registered Indian Patent Agent 3234
- Certified TRIZ Practitioner (Basic Level 1) TTIC Netherlands
- Masters in engineering (Pune University) completed 2017, CGPA: 8.270 (Pune University)
- Bachelors in Electronics and Telecommunication completed 2014, Percentage: 70 (Pune University)
- PGP in Product Management 2023 from SP Jain 2023
- Gate Qualified 2014

Certifications:

- Innovation management- Erasmus Rotterdam Institute Coursera
- DL 170- Essential of patents- WIPO
- DL-320 Patent Drafting
- DL-450 Innovation Management

Publications:

- Published a paper titled “Implementing Image compression using transform-based approach” at IEEE conference ICCMC 2017, Erode Tamil Nadu India.

Patents:

- 6 provisional US patent filings filed for transformer monitoring on electrical and thermal monitoring and building monitoring.
- 3 Non-Provisional US application on detection of electrical faults in transformer

Academic Projects and Internship details:

- Internship at John Deere India Pvt Ltd for the project “Wiper motor control using gesture recognition” from 29/05/2013 to 22/06/2013: Worked on the circuitry design part, involving designing the low side and high side driver for the motor control circuit of motor of the wiper of a tractor using tools like ORCAD and MATHCAD
- Final year project (Remote data consolidation system using MATLAB) sponsored by Cummins India Ltd. (19/07/2013 TO 31/03/2014)

Personal Details:

- **Name and address:** Mugdha Vyankatesh Limaye
27/A 391 PCNTDA Shree Samarth Krupa Pradhikaran, Nigdi, Pune- 411044.
- **Date of birth:** 26/02/1993
- **Languages Known:** English, Hindi, Marathi, German
- **Hobbies:** Solving puzzles, singing, blogging, playing piano , and travelling distant places.

Declaration: I hereby declare that all the above details are true and to the best of my knowledge.

Digital Signature: Mugdha Limaye