

KHADEEJA HAZBIN K M

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SUMMARY

Dynamic and results-driven professional with a background in Polymer Engineering and practical experience as a Python Developer specializing in Django. Skilled in building and managing web applications, database-driven systems, and AI-integrated platforms, combining technical engineering knowledge with modern software solutions. Strong understanding of material science and process optimization, complemented by expertise in Django frameworks, basic knowledge in REST APIs, and MySQL. Passionate about applying programming to real-world engineering and research problems, with a focus on innovation, automation, and data-driven decision-making.

WORK EXPERIENCE

- Software developer (python django), Bluegen solution-1 year
- Completed internship as a Python Django Developer at Inmakes Infotech Pvt. Ltd., gaining experience in web application development, backend design, REST API integration, and MySQL database management
- Completed a Quality Control (QC) project at Indigo Paints Ltd., focusing on paint formulation testing, process monitoring, and adherence to industrial quality standards. Undertook an internship at CIPET-IPT, Kochi in Plastic Processing Techniques and Quality Control, learning molding, extrusion, and polymer testing methods.
- Possess a strong combination of engineering knowledge and software development skills, with the ability to apply technology to real-world industrial and research challenges.

EDUCATION

University college of Engineering Thodupuzha

- 2018-2022

MBA at IGNOU University

- Pursuing (2025-2027)

PROJECTS

- Worked as a Python Django Developer Intern at Inmakes Infotech Pvt. Ltd., developing and managing web applications using Django, MySQL, HTML.
- Completed Main Project at Indigo Paints Ltd. on Use of Local Pigments and Extenders for the Formulation and Production of Emulsion Paints.
- Carried out Mini Project on Manufacturing of Rubber Hose, focusing on compounding, extrusion, and vulcanization.
- Undertook Internship at CIPET-IPT, Kochi in Plastic Processing Techniques and Quality Control, gaining exposure to molding, extrusion, and polymer testing.
- Presented Seminar on Shape Memory Polymer, explaining its mechanism, properties, and advanced applications.
- Blend of Polymer Engineering knowledge and Python Django development skills, enabling innovation across manufacturing and technology domains.

SKILLS

- Basic knowledge in program testing and system analysis
- Expertise in various problem-solving models and technical skills
- Excellent communication, problem-solving, and analytical thinking
- Ability to take concepts to creation while efficiently managing resources
- Skilled in teamwork and contributing effectively as a team member
- Experience working with vendors across commercial, private, and public sectors
- Creative and innovative, with strong design and conceptualization skills
- Proven leadership and motivational abilities
- Ability to work effectively with individuals from diverse backgrounds
- Strong computer proficiency and adaptability to new technologies
- Very good communication and interpersonal skills