

# Himani Urmila Gaikwad

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## EDUCATION

### Dartmouth College

#### Master of Engineering Management (M.E.M)

Hanover, NH

Sep 2023 - Nov 2024

A collaborative program taught by faculty from Thayer School of Engineering and Tuck School of Business.

Courses: Data Analytics, Marketing, Product Design & Development, Platforms, Design Thinking, Technical Project Management

### Pune University

Pune, India

#### Bachelors of Engineering in Information Technology. CGPA: 9.73/10.00

2018 - 2022

Courses: Engineering Mathematics, Object Oriented Programming, Data Structures, Data Analytics, Database Management Systems, Information and Cyber Security, Business Analytics and Intelligence, Intellectual Property Rights & Patenting, Entrepreneurship.

Research: Published research paper titled 'Two Way Sign Language Translator' in IJRASET International Journal for Research in Applied Science and Engineering Technology in April 2022.

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## WORK EXPERIENCE

### Associate Software Engineer Data Axle, Pune, India

July 2022 - July 2023

#### 1. Technical Proficiency and Client Engagement

- Took ownership of tasks, consistently delivering production-ready, high-performance code with minimal bugs.
- Engaged clients to understand their business challenges, employing data-driven solutions that reduced manual efforts by 65% and cut costs by 25%.

#### 2. Ruby on Rails Expertise and Agile Project Delivery

- Developed expertise in Ruby on Rails, solidifying a strong technical foundation for potential leadership roles.
- Proficiently managed project delivery in an agile environment, ensuring accurate data processing and loading while following agile methodologies like sprint planning and retrospectives.

### Employee Skill Development Internship | Zensar Technologies

Sept 2020 - Feb 2021

- Experience of hands-on skills training and development of technical, verbal and problem-solving abilities.

### Python Developer Internship |MRND Labs Pvt. Ltd.text

Jan - March 2020

- Built an Online Examination - Test System' Project with 4 group members.
  - Designed this website using Python, Pywebio, and Flask for deploying with the purpose of allowing the students/user to give test online and view their results of hands-on skills training and development of technical, verbal and problem-solving abilities.
  - Built a bookstore website using HTML, CSS, JAVASCRIPT, Django Framework, and PostgreSQL. This resulted in a user-friendly front-end design and a structured database of books available in the store.
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## LEADERSHIP EXPERIENCE

- Head of Android IT club - Guided and instructed a group of 25 students in the role of Head of the Android IT Club, overseeing the coordination of diverse coding workshops for the student body.
  - Head of Marketing/Communications for TEDxJSPMRSCOE Team - Initiated sponsorships, managed budgets, recruited influential speakers, and marketed their talks for the event
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## ACADEMIC PROJECTS

### Sign LanguageTranslator

Aug 2022

- Conducted market analysis to identify target audience (NGOs, restaurants, orphanages) and bridge communication gaps between hearing-impaired and ordinary individuals. Conducted user surveys, and developed a sustainable business model, resulting in a 92% accurate Convolutional Neural Network-based web application with potential for real-world impact.

### Voting SystemWeb App

May 2021

- Utilized product planning techniques and conducted schema analysis to develop a Python web application for voting using the Pywebio library. Managed votes with MongoDB to optimize performance and determine the maximum number of votes.

### Dance Academy Management System

April 2020

- Developed dance academy website with session information, schedules, and instructor details. Utilized HTML, CSS, MySQL, JDBC, and Bootstrap for seamless user experience, aligning with product planning goals.
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## SKILLS AND INTERESTS

**Technical Skills:** Microsoft Power BI, Ruby and Rails, C++, Python,MySQL, Django, Python,Android, SQL, No SQL

**Other Skills:** Agile Methodology, Operations Management, Process Planning, Project Management

**Co-Curriculars:** Yoga Level I and Level II certified, Blog Writer – himanigaikwad.blogspot.com/, HostedInterviews on YT - 2020