

# Kausik D

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## PROFILE

A driven B.Tech student specializing in Artificial Intelligence and Machine Learning. With a firm grasp of core AI principles and a passion for practical applications across industries, I aim to contribute meaningfully to a team of skilled engineers at a leading your firm. My objective is to translate theoretical knowledge into innovative solutions that enhance everyday life.

## WORK EXPERIENCE

### TECHBEE INTERN, BUSINESS SYSTEM MANAGEMENT

#### HCL Technologies

Mar 2022 - Aug 2022

- Job role included managing and maintaining client infrastructure.
- Improved business quality by 15% ensuring a 88% runtime of client infrastructure

### DEVELOPER INTERN,

#### Qik Meetings

Aug 2026 - Present

- Built an feature which enables users to transcribe in person meetings, increasing user engagement by 35%.
- Built and maintained the require infrastructure to serve the feature to users, with low latency and concurrently

## TECHNICAL EXPERTISE

- Python:** Web Development (Flask, Django), Software Development, Selenium
- Cloud Tools:** AWS, Heroku
- SQL:** MySQL, PostgreSQL
- Machine Learning:** Regression, Classification, EDA, PyTorch, Neural Networks, Computer Vision
- Other Tools :** Git, PyCharm, Docker, GitHub Actions

## EDUCATION HISTORY

### Bachelor of Technology

## St. JOSEPH'S COLLEGE OF ENGINEERING

CGPA: 8.04

Nov 2022 -Jun 2026

My undergraduate degree from St. Joseph's College of Engineering with a Bachelor of Technology in Artificial Intelligence and Machine Learning, equipped with comprehensive expertise in AI fundamentals, machine learning algorithms, data science, deep learning, computer vision, and big data analytics.

## PROJECTS

### VOICE DIARIZATION TOOL

- Built a tool to transcribe in-person meetings, accurately identifying and generating transcript of who spoke what.
- Achieved nearly 95% accuracy and faster results by leveraging state of the art libraries like **faster-whisper**
- Automated meeting minutes and action item generation, saving users an average of **15-25 minutes per meeting**.

### PROJECT NETHRAN

- AI-powered assistive eyeglasses to potentially empower 466 million deaf and 253 million blind individuals globally
- Implemented YOLOv7 for real-time object detection with 94% accuracy and CNN for American Sign Language recognition with 91% accuracy.
- Integrated Google Speech-to-Text API and leveraged Raspberry Pi Zero W for an affordable and accessible solution.
- Potential to positively impact over 700 million users worldwide by providing independence and improving quality of life

## ACHIEVEMENTS

- Organised the TN Police Hackathon with Tamil Nadu Police Department and the management.
- Finalists of the No-Code Hackathon conducted by AIVF among 150+ teams.
- Won the CybOrgs (coding challenge) organised by SRM Valliammai College amidst 55 teams
- Headed the Orientation programme, a four day extravaganza where we embrace and welcome freshers and addressed a gathering of 4000 people including students and parents

## CERTIFICATIONS

- The Complete Python Course – Udemy
- Python for Data Science and Machine Learning – Udemy
- Data Science – Internshala
- Applied Machine Learning in Python - University of Michigan

## LANGUAGES KNOWN

- English
- Tamil
- Hindi
- Telugu