

PAYAL MAHESHWARI

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➤ Professional Experience

Software Engineer | MeasureOne

May 2023 – Present

- Developed and scaled a consumer data-as-a-service platform using **full-stack technologies**.
- Integrated AI-native workflows (Cursor, Copilot) for prototyping and refactoring, boosting delivery speed by ~40%.
- Designed a tool that preserved **backward-compatibility** for a service, leading to a **25% improvement** in accuracy.
- Built high-performance APIs (requests, notifications, automation), and conducted detailed root cause analyses of session failures during user-API interactions and performances.

Associate Software Engineer | MeasureOne

March 2022 – April 2023

- Led a 3-member team to build a data-driven code generation tool, reducing onboarding time.
- Engineered **async APIs for M1-Link** and improved navigation speed by 1.5x with 90% accuracy.
- Collaborated to increase web navigation speed by **1.5 times and accuracy to 90%** while working with **cross-functional teams** to assess solutions for evolving customer needs

Engineering Intern | MeasureOne

Aug 2021 – Feb 2022

- Automated document scraping and parsing workflows (HTML/PDF), reducing manual effort.

NodeJS Intern | Stegowl Media Labs

May 2021 - July 2021

- Worked as a NodeJS intern and built **REST APIs** for live projects using NodeJS, ExpressJS, and MongoDB. Created a **backend system** for an entertainment domain-based web application for clients.

Data Science Intern | Skib Tech

July 2020 - Sep 2020

- Worked on an **Interactive Voice Response** project for customer care, designing a custom Spacy pipeline, audio fingerprint matching, and age-based audio personas by fine-tuning **GCP's** Text-to-Speech API.

➤ Technical Skills

Tech Stack: JavaScript, NodeJS, ExpressJS, ReactJS, MySQL, MongoDB, Redis, DSA, Microservices

DevOps & Tools: AWS, Docker, Kubernetes, CI/CD, JIRA, Datadog, Logrocket, Linux

AI & Practices: Cursor IDE, GitHub Copilot, REST APIs, Agile, Code Reviews

➤ Education

Vishwakarma Government Engineering College (GTU) – B.E. in CS (2018 - 2022) | CGPA: **9.2/10**

Best High School – Higher Secondary (2018) | **92.36%**

➤ Projects

Universal HealthCard Web Application: Built a web-based application as a part of Smart Gujarat for the New India Hackathon using Python Django Framework and qualified for a zonal round under my leadership.

Online Attendance System: Python | Django | MySQL **Image- Recognition System:** Python | Deep Learning

➤ Accomplishments

- Won the Zonal Round on ML & AI conducted by Dignique Techlabs with IIT Roorkee held on 1st Feb'19
- Worked as an Active Volunteer in GTU CTF and conducted a successful event, StartUp Street, in April'19