

# Gruhit Patel

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## PROFESSIONAL EXPERIENCE

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### Data Science Intern

Sept 2024 - Present

*Sunspark Canvassing, Mississauga, ON*

- Automated daily timesheet and payroll management, reducing manual effort by 70%.
- Built a performance dashboard to track employee records, for data driven decision

### Software Developer (Backend)

May 2022 – June 2023

*Kabra Logistics, Ahmedabad, India*

- Optimized API performance by 30% through query and code enhancement; deployed project on AWS with automated cron jobs and server monitoring.
- Mentored junior developers, reviewed code for quality, and collaborated with front-end teams to deliver project under tight deadline.

### Research Intern

Jan 2022 – April 2022

*Bhaskaracharya Institute for Space Application and Geo-informatics*

- Developed an Autonomous driving vehicle prototype with a focus on phase-4 automation, leveraging reinforcement learning algorithms.
- Utilized data science tools like Tableau to analyze existing approaches, identify drawbacks, and optimize model training efficiency over GPU using TensorFlow library

### Software Developer Intern

Aug 2021 – Dec 2021

*Information and Library Network Center*

- Built and optimized a multi-modular API system using Node.js, Express.js and Typescript, efficiently managing multiple large SQL databases.

## SKILLS

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**Technical Skills:** Python, Node.js, MongoDB, Docker, REST API, GitHub, SQL, Tableau, PyTorch, TensorFlow, Large Language Model

**Soft Skills:** Critical Thinking, Problem Solving, Leadership, Multi-Tasking, Active listening, Reporting and presentation

## EDUCATION

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### Loyalist College, Toronto, ON

May, 2023 - Dec, 2024

*Ontario College Graduate Certificate, 3.55 GPA*

*Artificial Intelligence and Data Science*

### Birla Viswakarma Mahavidyalaya Engineering College, Gujarat, India

May, 2023 - Dec, 2024

*Bachelors of Technology, 9.73 GPA (Gold Medalist)*

*Information Technology*

## PROJECTS & EXTRACURRICULAR

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### Mockmate

Sept, 2024 – Dec, 2024

- **Optimized voice transcription** module to achieve ~11% Word Error Rate (WER) and added features like filler word detection, speech rate, and clarity evaluation.
- **Improved deployment efficiency** by creating Docker setups and configuring multiple workers for faster API responses.

**Skills:** LLM, Speech-to-Text, NLP, Compute Vision, Docker, Data Analysis, Problem Solving, Effective Communication, Collaboration, Time Management