# ROHAN PRASAD GUPTA

## Computer Engineering Master's Student

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## EDUCATION

**Master Degree in AI and IoT [2022 - Current]**
Sirindhorn International Institute of Technology (SIIT) [Thammasat University]
Khlong Luang, Pathum Thani 12120, THAILAND
GPA: 3.76

**Bachelor of Technology in Computer Science Engineering [2016 - 2020]**
Guru Nanak Institute of Technical Campus (GNITC) [JNTUH]
Ibrahimpatnam, Hyderabad, INDIA
GPA: 7.77

**Higher Secondary School [2014 - 2016]**
Liverpool International Higher Secondary School
Kathmandu, NEPAL

**Secondary School [2013 - 2014]**
New English Boarding School
Janakpur, NEPAL

## ACHIEVEMENTS

**Awarded with a fully funded scholarship TISR by a joint program among SIIT, TU, NSDTA and Tokyo Tech.**
For Artificial intelligence and Internet of Things [AI and IoT] masters' degree program at SIIT, NSTDA, Thailand [2022 - 2024]

## EXPERIENCE

**Software Program Trainee | Mercantile Office System Pvt. Ltd. [NEPAL] Jan 2022 – Jul 2022**
- Manage and store organization data, ensure data accessibility, and perform backup and recovery.
- Test and debug software before client updates to meet their requirements and ensure quality.
- Handle clients, understand their needs, respond to inquiries, and provide project updates regularly.
- Contributing to teamwork efforts by communicating effectively, sharing knowledge, and assisting team members.

**Microsoft Power Platform Trainee | Leapfrog Technology Inc. [NEPAL] Sep 2021 – Nov 2021**
- Collaboration with a team of professionals to gain hands-on experience with Microsoft 365 suite, specifically Power Apps, Power Automate, and Power BI.
- Demonstrated practical skills in building chat bots using Power Automate and Power BI, and deployed them on Power Apps for effective use.
- Worked on various projects related to Microsoft Power Platform under the guidance of senior developers and learned how to implement, solve problem, optimize and integrate the platform into business solutions product.

**Intern Web Developer | Online Saathi Pvt. Ltd. [NEPAL] Feb 2021 – May 2021**
- Gained hands-on experience in web development using HTML and CSS, and implemented web design concepts to create visually appealing UI / UX and functional websites.
- Worked collaboratively with a team of professionals to ensure timely completion of web development projects and consistently delivered high-quality work.

## SKILLS

| | |
|---|---|
| Python | Machine Learning |
| SQL | Basic Java |
| C | Selenium |
| ReactJS | Beautiful soup |
| JavaScript | |
| HTML, CSS | |
| Bootstrap | |
| Data structures | |
| Data Analytic & Visualization | |
| Microsoft 365 | |
| Adobe PS, XD | |
| Power BI and Tableau | |

# PROJECTS

### SMART CONSTRUCTION MANAGEMENT SYSTEM [2023] (Group Project)
- The project involves working with an ESP32 and a GPS device.
- The goal is to update the worker's location and send an emergency update to the manager when a button is pressed.
- Angular, REST API, SQLite, and ESP32 are the technologies used to complete this project.

https://github.com/RohanPrasdGupta/SW_PROJECT_DESC

### FACE RECOGNITION ATTENDANCE SYSTEM [2023] (Group Project)
- The system captures live video from a camera, detects faces, compares them to a database of known faces, and marks the attendance of recognized students.
- The attendance data is stored in a Firebase Real-time Database, and students' profile pictures are stored in Firebase Storage.
- Used Python Programming, OpenCV, MediaPipe for the development of project.

https://github.com/RohanPrasdGupta/HW_PROJECT-TU-

### WORDS AND CHARACTER COUNTER WITH THEME CHANGING WEBSITE USING REACT JS [Aug - 2021]
- A small project using React-JS
- Words and character counter in the sentence.
- Can change the normal to dark theme.

https://rohanprasadgupta-react-text-project.netlify.app/

### RESUME DEPLOYMENT IN FORM OF WEBPAGE
- Hosted using W3School
- Used HTML, CSS and Bootstrap

https://rohanprasadgupta.w3spaces.com/

### ONLINE E-TENDER MANAGEMENT PROJECTS WITH PROGRESS MONITORING [10/02/2020 – 15/10/2020]
B.Tech Final year Major Project entitled "Online E-Tender Management Project with Progress Monitoring" completed under the guidance of Dr. E Madhusudhana Reddy Professor of Computer Science Engineering.
- Aim to develop a Tenders Management System by use of which anyone can know the information on available tenders.
- Lead to easy employment and work is done by just sitting at home and uploading respective tasks.
- Displayed on the website leading to transparency between clients and company.
- Provide security of the details as it will not allow any other person to access the same details.

# CERTIFICATIONS

- **Google / Data Analytics Professional Certificate [Dec 2022]**
  - Completed Google Career Certificate Training.
  - Experience in data cleaning, data visualization, understanding of database, interpreting and communicating data analytics findings.

- **Application of AI, Machine Vision and Robotics [12/07/2021 – 04/08/2021]**
  - A Course on coreab.iiiedu.org.tw Powered by AI Talent Training Program and TCA

- **"Building AI Powered Chatbots using IBM Watson" from COURSERA [26th July 2020]**

- **"Introduction to Artificial Intelligence (AI)" from COURSERA [2nd July 2020]**

- **"Learn to code in PYTHON 3" online course from UDEMY [30th March 2020]**

- **"Python for Data Science and AI" online course from COURSERA [8th July 2020]**

- **"Introduction To Creative AI" from Future Learn [8th June 2020]**

- **"Adobe-XD UI/UX design" online course from UDEMY [6th January 2020]**

# REFERENCES

**Dr. Somchart Fugkeaw**
Assistant Professor
Sirindhorn International Institute of Technology (SIIT) [Thammasat University]
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**Dr. Somrudee Deepaisarn**
Chairperson of AI and IoT Curriculum
Sirindhorn International Institute of Technology (SIIT) [Thammasat University]
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