

# Hemant Surariya

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## EDUCATION

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- **Indian Institute of Technology Patna** Patna, India  
*Bachelor of Technology - Mechanical Engineering; CPI: 7.27* July 2019 - June 2023
- **Vandana Convent School** Guna, India  
*All India Senior School Certificate Examination; CBSE Board; Percentage: 88.7* 2019

## SKILLS SUMMARY

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- **Languages:** Python, Dart, C, C++, SQL
- **Frameworks:** Flutter, Flask, Firebase(template framework)
- **Tools:** Rest API, MySQL, SQLite, HTML, CSS, Bootstrap
- **Platforms:** Linux, Web, Windows, Arduino, Raspberry
- **Soft Skills:** Leadership, Event Management, Writing, Public Speaking, Time Management

## EXPERIENCE

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- **IIT Patna**  
*App Development* August 2021 - March 2022
  - **Hydraulics simulation:** I worked with the team to create Hydraulics Simulation app where user can simulate the different types of Hydraulics circuits and get result according to different input parameters.
  - **Tools used:** Dart, Flutter, Rive

## PROJECTS

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- **Apps:**
  - **Flash Chat:** Made a Chatting app named 'Fast chat'. This app is used to post and share the text message to the groups. Text posted can only be seen by the authorised person whom the message was sent  
Built Using: Dart, Flutter, Firebase
- **Software:**
  - **CheapFly:** This is a python software that informs the user about flights available for a price lower than the pre-set price or the overall lowest price, between two given locations for a selected date or range of dates and sends a message alert on the given number and email.  
Built Using: Python, RestApi, SQL
- **WebSite:**
  - **LogBlog:** This is a web site where a registered user can create new blog posts, edit posts, delete posts, follow a blogger, comment on existing blogs. User needs to be registered on site to post blogs.  
Built Using: HTML, CSS, JavaScript, Flask, MySQL
- **REST API:**
  - **CafeAPI:** This REST API gives data about all the locations and number of all the hotels and cafes of the state. Data for the API is collected using a Python Bot running online.  
Built Using: MySQL, RestApi, Flask

## FIELD OF INTEREST

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- App Development
- Web Development
- Web API Development
- Software Development

## EXTRA-CURRICULAR

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- **Robocon IIT Patna**  
*Member of Robocon(Robotics Society) IIT Patna* November 2019 - 2021
- **BasketBall sports club IIT Patna**  
*Sub-Coordinator of Basketball sports club* October 2019 - Present