Saurav Suman

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EDUCATION

Thapar Institute of Engineering and Technology **CGPA: 7.61**
B.E Electronics and Instrumentation Control *Aug. 2019 - May 2023*

Patna Central School **85%**
Higher Secondary School Certificate *April 2016 – June 2018*

INTERNSHIP

Web Developer Intern | GAIA Smart Cities June 2022 – July 2022
GAIA Smart Cities *Delhi, IN*
- **Interacted with the business and software teams** to understand requirements and worked in a team on **a live client project.**
- Developed a **responsive full stack web app** for recording traffic infrastructure
- Implemented **authentication system** and **report generation** functionality.
- Technologies Used: HTML5, CSS3, JavaScript, Ajax, Python, Django

TECHNICAL SKILLS

Languages: C++, SQL, JavaScript, HTML5, CSS3, Python
Frameworks: Django, Bootstrap, Ajax, ReactJS
Developer Tools: Git, VS Code, codesandbox
Practices: Full Stack Web Development, Database Management System

PROJECTS

Companion Web App for Safety Band | *HTML, CSS, JavaScript, Maps Js API, Python, Django* **Ongoing**
- Developing a **full stack mobile-first web app** for an Arduino pro mini based automated safety band.
- **Integrated Arduino via Bluetooth** to Web App to **send automated SMS** along with user's location
- Build a **user authentication system** and SOS contact add remove functionality
- **Integrated Maps JavaScript API** to frontend to display user's location along with various pages.

Portfolio Website | *HTML, CSS, JavaScript, ReactJS* November 2022
- Developed a responsive portfolio website **ReactJS**.
- Used Formspree API for form responses and used React Hooks.

Freelancing Portal | *HTML, CSS, JavaScript, Python, Django, Git* April 2022
- Developed an online platform where developers from around the world can **create a profile** and share their work with others
- Build various static pages along with **user authentication system** user registration
- Analyzed and **optimized website performance** and **built a search** by name or attribute functionality.

Blogging Site | *HTML, CSS, JavaScript, Python, Django, Git* January 2022
- Developed a **full stack cross-platform compatible web application** with login authentication.
- Sketched and build various static pages for interface along with **CRUD operation** on Posts.

POSITION OF RESPONSIBILITY

Mentor July 2020 - March 2021
FROSH TIET *Patiala, India*
- Designed and build their annual **website with more then 5k visits** and further optimized it using compression **bringing down sever latency by 1500ms**
- **Conducted workshops** on **3d modelling (Blender)**, Media and Design

Global Volunteer (EYE 4.0) Dec. 2019 - Jan. 2020
IPB University *Bogor, Indonesia*
- Worked in groups to **develop a Micro-Small Enterprises** in Bogor City.
- Successfully completed an AIESEC Leadership Development Experience through a Global Volunteer opportunity tackling the **Sustainable Development Goal Decent Work And Economic Growth**