BASANT KUMAR SAH

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EDUCATION

R.R. Institute of Technology   **Sep 2020 – Jul 2024**
*Information Science and Engineering - **CGPA - 7.86***   *Bangalore, India*

Model Secondary School   **Jul 2017 – Aug 2019**
*12th - **Percentage - 64.5%***   *Janakpur, Nepal*

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Operating Systems
- Network Security
- Database Management System (DBMS)
- Artificial Intelligence
- OOPS Concept
- Web Development

PROJECTS

Doctorspot — Python, Machine-Learning, Django, Mysql Workbench   **Nov 2024**

- Developed DoctorSpot, an AI-powered healthcare app using machine learning and Django..
- Implemented advanced predictive models to analyze patient data and provide accurate health assessments..
- Designed a responsive and user-friendly front-end UI to ensure seamless interaction, enabling users to input symptoms and receive AI-driven health insights..
- Enhanced the platform's usability by ensuring scalability, security, and accessibility for patients and healthcare providers..

Smart Car Parking System (Final Year Project)   **March 2024**

- About project Developed an automated parking management solution featuring a user-friendly interface, secure debit card payments, and image recognition for vehicle verification. Integrated Arduino-controlled motors for automated gate operations, optimizing space usage and enhancing convenience..

EXPERIENCE

Myblocks   **May 2024 – Nov 2024**
Full Stack Developer Intern   *Bangalore, India*

- ∗ Developed four machine learning modules for Thyroid, Blood Pressure, Stress and parkinson disease prediction.
- ∗ Implemented data preprocessing, feature engineering, and model training to enhance accuracy.
- ∗ Explored ways to visualize and send a daily report of test results to team members using HTML, Javascript, and CSS.
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ParvaM ConsulTech pvt Ltd   **Aug 2024 – Sep 2024**
Machine Learning Intern   *Bangalore, India*

- · Implemented and tested machine learning algorithms using Python, scikit-learn, numpy and pandas.

TECHNICAL SKILLS

Languages: Python, C, HTML/CSS, JavaScript, SQL
Developer Tools: VS Code, Eclipse, Google Cloud Platform, Arduino IDE, Jupyter Notebook
Technologies/Frameworks: Django,Windows, GitHub, Git

EXTRACURRICULAR

R.R. Institute of Technology   **Jun 2023 – June 2024**
volunteering   *Bangalore,India*

- ∗ Volunteer, Various College Events: Assisted in organizing and managing events, contributing to smooth execution and fostering teamwork and communication skills.