Priyanka Soni

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Education

Year	Degree/Certificate	Institute	CPI/%
2018 - 2022	B.Tech in Electronics & Communication Engineering	MN National Institute of Technology Allahabad, India	8.11/10
2017	CBSE(XII)	DAV Public School, Sector-4, Bokaro Steel City	94%
2015	CBSE(X)	BISSS 8/B, Sector-8, Bokaro Steel City	9.4/10

Internships

- **Siemens India** *(June,2020-Present)*
  Summer Intern *Goa, India*
  - **Project Idea** : Linear Drive Greasing Automation
  - After manufacture of Shaft in industries, manual Greasing takes time.
  - We are working on **automation** model for **greasing of shafts** in minimum time & minimum cost.
- **Fifo Solutions** *(April,2021-Present)*
  Web Development Intern *Andhra Pradesh, India*
  - Fifo Solutions is a **startup** which also provides IT solutions.
  - Working in technology team as a Web Developer on **Frontend** and **Databases**.
  - Worked on **frontend of 3 client projects** and Built **user-friendly and responsive UI** for all.
  - Built responsive and attractive **Navbar, footer, forms, content** etc..
  - Built **POST API** to store form data.
  - **Tech Stacks** - HTML, CSS, BootStrap, Javascript, Nodejs, Expressjs, MongoDB
- **Siemens India** *(June,2020-Sep,2020)*
  Summer Project Intern *Mumbai, India*
  - **Project Idea** : Automation in Hospital Systems
  - It is solution for Hospitals in which we tried **to minimize human contact** to avoid the spread of COVID-19 virus.
  - We also tried **to minimize the cost** (approx. 6500-7000 rupees) so that small hospitals can also work on this solution.
  - We used **Automation** using Sensors and Microcontrollers (Arduino, 20 pin AT89C2051).
  - We also built **Web Application** for Online Appointment & **OCR** for Offline Registration.
  - **Tech Stacks** - HTML, CSS, Javascript, SQL, Php, Python, OpenCV, C/C++

Projects

- **Book Centre**
  - An **Online platform** for retailers and customers to **sell and buy books** respectively.
  - Having features like **Role based access** and **email alert** for admin and users, **Cart and Online Payments**, Supply-Chain Management, etc..
  - **Tech Stack/Area** - Web development, Reactjs, Bootstrap, Nodejs, Expressjs and MongoDB.
- **Find my Caption**
  - A model which **predicts caption** for the **provided image** by users.
  - It is using **CNN and LSTM** deep learning models.
  - It's trained using **Flickr-8k dataset** and **VGG16 model**.
  - **Tech Stack/Area** - Machine Learning, Python, Keras

Technical Skills

- **Programming:** C, C++, Data Structures, Algorithms
- **Framework/Language:** Python/Machine Learning, JavaScript, HTML, CSS, Bootstrap, React, Material-UI, Node, Express
- **Database:** MySQL, MongoDB
- **Tool:** Git/Github, Postman, VS Code, LaTeX, Kaggle, Google collab

Achievements

- **Academic Achievements**
  - Selected as Participant in **GirlScript Summer of Code** - 2021.
    * It is 3 month Open-Source Program by GirlScript like GSoC.
    * I have Contributed on 3 repositories.
  - Appreciation from **Synopsys** for "Inno Champ Contest" - 2020.
    * It is Idea-Presentation Program Organised by Synopsys.
    * I have Proposed a model on "To create Cleaner and Healthier Planet".
  - Scored more than 75% in **NQT** - 2020.
    * It is 3 hours test of Numerical, Verbal and Reasoning Ability conducted by TCS.
  - Scholarship for 4 Years By **Siemens India** - 2018.
    * Mechatronics training & Career Counselling by Siemens.
    * Soft Skill Training by Growth Centre, RIPE Global & Smile Foundation.
    * Tuition fees of 4 years and annual allowances.

- Scored 16293 AIR in **JEE-Mains** over 11 lakhs aspirants - 2018.
- Scored 320 out of 450 in **BITSAT** - 2018.
- 2nd Rank in School, **Scored 100%** in Painting & **Excellence Award by Jagran** in AISSCE- 2017.
- **Academics Excellence Award** in 11th standard - 2016.
- 2nd Rank in School in AISSE - 2015.
- **Programming Achievements**
  - 3 stars, 5 stars & 4 stars in DSA, C++ & C respectively on **HackerRank**.
  - Feb. Starters'21-Global Rank : 4400 & April Starters'21-Global Rank : 3567 on **CodeChef**.(Rating : 1459)
  - DSA Contest Rank : 142 & Feb Easy'21 Rank : 262 on **HackerEarth**.(Rating : 1285)
  - **CodeForces**.(Rating : 820) & **LeetCode**.
  - Kick Start'21 Round-B **Rank** : 5632 & Women CodeJam I/O **Rank** : 4065 of **Google Coding Competitions**.

Extra-Curricular Activities

- **Sports**
  - **Gold Medal** in Volleyball on College Sports Day(Josh) - 2019.
- **Position of Responsibility**
  - **Mentor of Electronics Society** of MNNIT for guiding juniors in Web Development - May'2021-present.
  - Head Girl and House Caption for 2 years in DAV Public School - 2015 - 2017.
  - House Caption (Rajendra house) for 2 years in BISSS 8/B - 2013 - 2015.