

Priyanka Soni

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Education

Year	Degree	Institute	CPI/%
2018 - 2022	B.Tech in Electronics & Communication Engineering	MN National Institute of Technology Allahabad, India	8.38/10
2017	CBSE(XII)	DAV Public School, Sector-4, Bokaro Steel City	93.84%
2015	CBSE(X)	BISSS 8/B, Sector-8, Bokaro Steel City	9.4/10

Technical Skills

C, C++, Python, Data Structure, Algorithm, HTML, CSS, Bootstrap, JavaScript, React, NodeJs, MySQL, MongoDB, Git, Postman

Internships

Ken42 EdTech (Product Management Intern,Startup) (Jan,2022-Present)

- Building System for Education Design and Management (SEDM), an integrated education platform that caters to evolving needs of institutions and students, bringing them the best of edtech, content, and affiliations.
- Working on Human Resource Management Software Module Design.

Siemens India (Summer Intern,Group of 4) (June,2021-Nov,2021)

- We worked on **automation** of greasing mechanism of gear & shaft to minimize labour cost and time taken.
- We built **linear drive grease automation** using ultrasonic sensor, limit switch, servo motor, grease dispenser and PLC.
- Learnt sensor interfacing, servo mechanism and control system.

Fifo Solutions (Web Development Intern,Startup) (April,2021-July,2021)

- Developed **Frontend** of 3 client projects (HRM Module of **iSite**, **ffosolutions** and e-commerce platform of pickles).
- Built user-friendly, attractive & responsive UI like Navbar, footer, forms, content using **HTML, CSS, BootStrap, Javascript**.
- Expanded features, fixed bugs, improved user experience and documented software functionality.
- Built **Backend** API to store form data, user sign up & signin functionalities using **NodeJs, MongoDB** and tested using **Postman**.

Siemens India (Summer Project Intern,Group of 7) (June,2020-Sep,2020)

- It is solution for Hospitals in which we tried to **minimize human contact** to avoid the spread of COVID-19 virus.
- We tried to **minimize the cost** of model so that small hospitals can also work on this solution.
- We built **automation model** using Sensors & Arduino and **OCR Scanner** using Python & OpenCV.
- We built **website** for Online Appointment using **HTML, CSS, Javascript, MySQL, PHP**.

Projects

Music Genre Classification Machine Learning, Group of 3

- Project of 8th semester under guidance of Prof. V.K. Srivastav (ECED, MNNIT Allahabad).
- A **machine learning model** built using **GTZAN dataset** to automatically classify different musical genres from audio files.
- It is trained using various machine learning classification algorithms & deep learning models and evaluated using **confusion matrix**.
- Technology used:-** Python, Sklearn, Matplotlib, Numpy, pandas, Scipy, Librosa, python.speech.features.

Image Caption Generator Machine Learning, Group of 3

- Project of 7th semester under guidance of Prof. V.K. Srivastav (ECED, MNNIT Allahabad).
- A **Deep Learning model** which **predicts caption** for the **provided image** by users and evaluated using **BLEU Score**.
- It is trained using **CNN & LSTM** deep learning models and **Flickr-8k dataset**.
- Technology used:-** Python, TensorFlow, Keras, Numpy

Book Centre Web Development, Individual

- An **E-commerce platform** for retailers and customers to **sell and buy books** respectively.
- Platform with features like **Role based access** for users & admins, **Cart** with CRUD operations and **Payment** using Braintree API.
- Built **Backend APIs** using **NodeJs, MongoDB** and tested using **Postman**.
- Built **User-friendly & Dynamic UI** using **ReactJs, Bootstrap**.
- Only admins can **create, update, delete** products & categories, see **order details & update status** of every order.
- Users can **search** products by name or by category, **sort** products by sell, by arrival, by category or by price range, see **order history & also can update profile**.

Achievements

- Kickstart Round-B Rank: 5632** and **Women CodeJam I/O Rank: 4065** in **Google Coding Competitions**. (2021)
- Appreciation from **Synopsys** for "Inno Champ Contest" - Idea Presentation Contest. (Nov,2020)
- Scored 75.12% in **NQT**, 3 hours test of Numerical, Verbal and Reasoning Ability conducted by TCS. (Oct,2020)
- Awarded **Scholarship by Siemens India**, one among 150 students across India. (Feb,2019)
 - Tuition fees & annual allowances for 4 years (2018-2022), Mechatronics training & Career Counselling by Siemens.
 - Soft Skill Training by Growth Centre, RIPE Global & Smile Foundation.
- AIR - 16293** in **JEE-Mains** over 11 lakhs aspirants & **Scored 320/450** in **BITSAT**. (May,2018)
- 2nd Rank in School, **Scored 100%** in Painting & **Excellence Award by Jagran** in AISSCE. (May,2017)
- Academics Excellence Award** in 11th standard. (Aug,2016)
- 2nd Rank** in School in AISSE. (May,2015)

Links

[in](#) [LinkedIn](#) [GitHub](#) [Codechef](#) [Leetcode](#) [Hackerrank](#) [Hackerearth](#) [Codeforces](#)

Co-Curricular Activities

- Participant of **GirlScript Summer of Code**, Contributed to 3 repositories. (March,2021-May,2021)
- Mentor of **Electronics Society** of MNNIT Allahabad of Web Development Track. (May,2021-present)
- Top Mentor of **GirlScript Winter of Contributing** of Interview Preparation Track. (Sep,2021-Nov,2021)
- Organising member of **Quintathlon, Softathlon & TechMaiden** events of Avishkar (Tech Fest of MNNIT-A). (Dec,2021)
- Mentor of **Script Winter of Code**. (Nov,2021-present)