SUNANDA BAG

Innovator|Polymath|Passionately Curious| Avid Learner

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EDUCATION

B.Tech in Electronics and Communication Engineering
Guru Ghasidas Vishwavidyalaya (Central University)

📅 Graduation: May 2018 CGPA : 8.67

XII
Sri Chaitanya Junior College

📅 June 2012 – May 2014 Per : 96.8%

EXPERIENCE

Python Developer
Infrrd Private Limited

📅 Oct 2018 – May 2020 📍 Bangalore,India

- Involved in building database model, APIs and views using Python in order to build an interactive web based solution.
- Worked with JSON based REST Web services.
- Expertise in client scripting languages like HTML, CSS, Bootstrap and JavaScript.
- Managed large data-sets using Panda data frames and MySQL.
- Creating unit test/regression test framework for working/new code.

Python Developer
Microspark Software Solution Private Limited

📅 May 2020 – Mar 2021 📍 Bangalore, India

- Developed Views and Templates with Django view, controller and template language to create a user-friendly website interface.
- Configured the Django admin site dashboard and created a custom Django dashboard for end users with a custom look and feel.
- Used Python for XML, JSON processing, data exchange and business logic implementation.
- Used Python scripts to update the content in the database and manipulate files.

Freelance Developer
Full Stack Web Developer

📅 Mar 2018 – till-date

- Constructed an ecommerce web app that let customers virtually design their own kitchens and buy products directly, increasing sales by 90%,
- Worked closely with the client on their vision to rebuild company website, improving user experience by 75%.
- Successfully created 15+ prototypes of new product features

HONORS & AWARDS

- Qualified GATE(ECE) with AIR 1816 rank.

INCAP 2018
- Published IEEE Conference paper on **"Design Of patch Antenna For RF Energy harvesting"**.

IIT Bhubaneshwar Techfest
- Won 2nd Prize at IIIT Bhubaneshwar in the Drone Event**(HOVERCOP)** 2018.

Outstanding Technical Head
- Organized a technical festival '**EQUILIBRIO-2016**' and technically lead a team of 10 members.

TECHNICAL SKILLS

Proficient At:
- Python, SQL , HTML, CSS, Shell Scripting, Git
- Web Frameworks: Django, Flask, Jinja2, Django REST Framework, Bootstrap, SQLAlchemy
- IDE: Pycharm, Visual Studio, Sublime Text

Exposure To:
- JavaScript, C, Embedded C

LANGUAGES

- **English**(Proficient)
- **Hindi**(Proficient).
- **Bengali**(Mother Tongue).
- **Telugu**.

STRENGTHS

- Oral and Written Communication in English
- Committed to lifelong learning
- Consistent
- Leadership, Team Building

HOBBIES

- Badminton
- Painting
- Gardening