# Samim Hossain Mondal

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https://samim2000.github.io/my-portfolio

## EDUCATION

➢ **Kalinga Institute Of Industrial Technology**            Bhubaneswar, India .
  Bachelor of Technology in Information Technology            *2019 - Present*
  CGPA : **9.06**

➢ **Krishnagar Academy**            Krishnagar, India .
  ISC (PCM + Computer Sci)            *2017 - 2019*
  Grade : **80.25%**

## PROJECTS

➢ **J U S 2 M I N S : A full stack web application for ordering maggi at hostel**
  A full stack web app built from scratch which allows a customer to order maggi(noodles). It has **user authentication** feature also user can checkout as a guest without having an account. Also has **Online Payment Integration** through Razorpay. Frontend uses **HTM, CSS, BootStrap**, & basic **JavaScript** and Backend uses **Python-Django**.            *Link*

➢ **Music Genre Classifier** : Developed a Machine Learning Model which efficiently classifies the type of audio with an **accuracy of about 80 -95%.** In this project ,all three types **- ANN, CNN, RNN models of Deep Learning** are applied but among them its concluded that **LSTM -RNN** is the best algorithm to use in classification of audio.            *Link*

➢ **My Portfolio Website :** A portfolio website with **light/dark mode** feature to showcase my work & talent using **HTML, CSS & JavaScript.**            *Link*

## WORK EXPERIENCE

➢ **Prism Research Intern - Samsung R&D Institute India**            *May 2021 - Present*
  Worklet Title (ID - VI60KIIT) : **Automatic Classification Of Atypical Speech**
  --  To come up with a solution for an automated classifier to identify whether a speech is a normal or atypical. As classifiers both **Deep Neural Networks (DNN)** & **Support Vector Machines(SVM)** will be examined and the best will be considered .

## SKILLS

✓ **Programming Languages** : C++, C, Java, Python *(basics)*.
✓ **IT Constructs** : DS & Algorithms, OOPS, OS, DBMS .
✓ **Technologies** : HTML, CSS, Bootstrap, JS *(basics)*, Django *(basics)*, MySQL .
✓ **Development Tools** : Microsoft Visual Studio, Jupyter Notebook, Pycharm, Adobe XD .
✓ **Others** : Competitive Coding, UI/UX Designing .

## ACHIEVEMENTS

➢ Cleared **Samsung Prism Test** in 4th Semester .
➢ Qualified 1st round of **Google Code Jam 2021** with a **global rank of 3996** . [*Link*]
➢ Got a global **rank of 617** out of 15000+ contestants in **Codeforces** Round #726 (Div. 2) [*Link*]and a global **rank of 652** in **CodeChef** June Cook-Off 2021 (Div. 2). [*Link*]
➢ Awarded by Krishnagar Academy School for scoring **91% in Mathematics & Computer Applications in ICSE** .