

SAMRUDDHI DEODE

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EDUCATION

MKSSS Cummins College of Engineering for Women, Pune	Jun 2023
Third Year, BTech Computer Engineering (CGPA 8.91)	
Fergusson College, Pune (HSC Percentage: 91.08)	May 2019
Bal Shikshan Mandir, English Medium School (SSC Percentage: 99.2)	May 2017

TECHNICAL SKILLS

Proficient: Java, C/C++, Python, HTML, CSS, Node Js, Express, MongoDB, Bootstrap.

Moderately Skilled: Django

Familiar: Arduino, Robotics (ROS)

PROJECTS

- **Allot Easy** [Github](#)
Web Application simulating the online seat allotment process carried out by the state and central universities depending upon applicant's marks and course of preference.
Tech Stack: *Python, Pandas, CSV, Pywebio (for GUI)*
- **Yogasana Recommender** [Github](#)
Web Application where you can sign up and set your health goals. You are recommended the best Yoga Poses for you upon logging in depending upon these goals.
Tech Stack: *Mongodb, Node js, Express, Ejs, CSS, Javascript.*
- **Python Interpreter Clone** [Github](#)
Interpreter which solves arithmetic, trigonometric and logarithmic expressions using *expression trees* and stores and processes variables and functions using *HashTable*.
Tech Stack: *Java OOP*
- **Vaccination Roll-out** [Github](#)
Implementation of Linked List and Queue data structures along with the Object oriented paradigm of C++ to manage the roll out of Covid-19 vaccine where an eligible user can register for his vaccine dose, be allotted his timeslot, take the vaccine, and leave after he's done.
Tech Stack: C++
- **Other Front End Web Development projects**
Personal [Portfolio](#) Website
Website for Bakery Startup [Bake For Change](#)
Website for a College Club (SWE) [Newsletter](#)

ACHIEVEMENTS

- **Winner** JP Morgan Chase Code For Good Hackathon 2021. (60 Won out of 8000 Applicants) July 2021
- **Selection** in the Flipkart Girls Wanna Code Cohort 2021. (200 selected out of 6000 applicants) Feb 2021
- Selected as a **Speaker** at the 'Incube Conference'. Presented a talk on **Blockchain** technology and its **extensive applications in the field of finance** in front of audiences comprising senior professionals from John Deere and Cummins India Ltd. Oct 2019
- **Awarded** the Nation Builder Award for outstanding performance in academics and co-curricular activities. Oct 2018

CO-CURRICULAR ACTIVITIES

- **Founder** of a Non Profit Bakery: Bake For Change.
- **Public Relations Officer** at SWE (Society of Women Engineers) Cummins Student Chapter.
- **Chief Editor** of the biannual Magazine of SWE Cummins Student Chapter.
- **Event Manager** at Aasamant Astronomy Club.