

YASH BAFNA

Software Engineer

I am enthusiastic learner and like to take up challenges. Interested in data structures, algorithms and learning new technologies. I am looking for a competent and collaborative team where I can showcase my skills and enhance my knowledge and expertise.

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https://github.com/yashbafna/

https://www.yashbafna.xyz/

PROFESSIONAL EXPERIENCE

Software Engineer

Capgemini Pvt Ltd

Sept 2018 – Present

Mumbai

- Responsible for development of the applications.
- Responsible for design of 1 application.
- Responsible for the development of web-service for some features of the application.
- Responsible for the development of web API.

Freelancer Android App developer

SJain Pvt. Ltd.

Dec 2017 – Jan 2018

- Developed a social media app known as 'Racketlon'
- App connects people all over the Raipur city. Users can upload sport's post on their feed, share and can comment.
- User can also buy sports good and book sports venue.
- Users can record live scores
- It uses android studio and Firebase cloud system.
- Visit: <https://yashbafna.github.io/Projects/Racketlon/>

PROJECTS

Snap the Grub: AI Food Camera

Nov 2020

- This app (android +iOS) detects the food just by taking picture and provides nutrients.
- It also provides diet plan, food and health facts periodically.
- It uses custom Deep-learning model to predict food.
- Technologies used: **Python (Deep learning model+API), Flutter, OpenCV, Firebase**
- Visit: <http://www.snapthegrub.tech/>

Lung cancer detection and classification

- It detects the lung's cancerous mass from CT scan images and classifies it into malignant and benign
- Used **watershed** algorithm along with **Gaussian SVM** kernel for classification.
- Also **Deep learning algorithm**.
- Visit: <https://yashbafna.github.io/Projects/LungCancerDetection/>

Easy Health App

- Developed app for patients to book doctors and pathology labs.
- Patient can also buy medicines, search about various medicines and diseases.
- Doctor can generate E-prescription using the app.
- Visit: <https://yashbafna.github.io/Projects/EasyHealth/>

AREA OF INTEREST

- Algorithms, Data Structures, Full Stack/Backend Development, Competitive Programming

PUBLICATIONS

Conference Proceedings

- "Automated Boundary Detection of Breast Cancer in Ultrasound Images using Watershed Algorithm" (n.d.). In: *Ambient Communications and Computer Systems. Advances in Intelligent Systems and Computing*, vol 696. Springer, Singapore.

EDUCATION

Bachelor in Technology

National Institute of Technology, Raipur

Aug 2014 – May 2018

8.66 CGPA (Honors)

ACHIEVEMENT



Secured First position

National Science Exhibition, NIT Raipur

1st position for making the best Android Health Application



Competitive Programming

3 star coder at Leetcode

SKILLS

Java, Python, Flask, Flutter, Firebase, Android app development, C#, MySQL

CERTIFICATIONS

- Agile Software Development (Coursera)
- PyimageSearch Gurus- A complete computer vision course
- Introduction to Computer Vision | Master OpenCV 3 in Python