YASH BAFNA

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PROFESSIONAL EXPERIENCE

Senior Analyst
Capgemini Pvt Ltd (Ahold Delhaize Supermarket)

📅 Sept 2018 – Present   📍 Mumbai

- Responsible for design, code the application in .NET language.
- Software and code analysis, system risk analysis.
- Performance tuning, automation
- Working for the execution of job, coding and trouble shooting.

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

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**- Capsule net was used sepeartely for classification.
- Visit: `https://yashbafna.github.io/Projects/LungCancerDetection/`

Dog Breed Classifier

- It classifies the dog's breed by computing the image.
- It is trained on dataset which contains four breeds of dog.
- Used **random forest** algorithm for the classification.
- Visit: `https://yashbafna.github.io/Projects/DogFinder/`

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/`

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

SKILLS

C#, .NET, MySQL, Python, Google Cloud VM, Azure VM

CERTIFICATIONS

PyimageSearch Gurus
📅 Jan – July 2017

Introduction to Computer Vision | Master OpenCV 3 in Python
📅 Oct 2016 – July 2017