|  |  |
| --- | --- |
| Saujanya Tiwari  An Electrical Engineer with a keen interest in Programming, Machine Learning, Deep Learning, Image Processing, and Problem Solving. | MALE (15th July1999)  **(+91) 9113434913**  [**saujanyatiwari455**](mailto:saujanyatiwari455@gmail.com)**@gmail.com**  [**LinkedIn/saujanya01**](https://www.linkedin.com/in/saujanya01/)  [**Github/saujanya01**](https://github.com/saujanya01)  [**saujanya01.github.io**](https://saujanya01.github.io/) |
| EXPERIENCEAxis Bank(BIU), Mumbai — *Summer Analyst*APRIL 2020 - JUNE 2020 Worked with the Outbound Call Centre Team on a Call Centre Analytics project to identify the best practices that are being followed in call Centres across the globe. CodeAsylums, Bengaluru — *Mentor(Freelance)*DECEMBER 2019 - OCTOBER 2020 Working as a teaching assistant/mentor for Python and Machine Learning batches. EDUCATIONBIT Mesra, Ranchi — *B. E. (Electrical and Electronics Engg.)*JULY 2017 - PRESENT C.G.P.A - 7.92/10 (Till 7th sem)St. Xavier’s School, Ranchi — *CISCE(12th)*JUNE 2015 - MARCH 2017 Percentage - 96%St. Xavier’s School, Ranchi — *CISCE(10th)*JUNE 2004 - MARCH 2015 Percentage - 96.2%PROJECTSCorona Analytics ([Corona-Analytics](http://18.191.74.90/)) — *Python(flask), AWS, HTML, CSS, JavaScript, Highcharts* A website to show trends in COVID-19 cases using an open-source dataset. This application was hosted using EC2 and Route53 features of AWS. Detection of Diabetic Retinopathy — *Python, Keras* A classification model for detection of Diabetic Retinopathy on APTOS dataset using an ensemble of 4 different CNN architectures. The model attained an overall accuracy of 87.252%. OCR ([GitHub Link](https://github.com/saujanya01/OCR)) — *Python based OCR software* Used Python, image processing techniques and Tesseract-OCR engine for converting the non-editable text in an image/pdf to an editable format. | TECHNICAL SKILLS  * **Languages -** Python, C/C++, MATLAB. * **Tech -** Computer Vision, Machine Learning, Deep Learning, Programming. * **Web Dev -** HTML, CSS, Javascript, NodeJs, MongoDB, Express, ReactJs, Flask(Python). * **Tools -** AWS(EC2, S3, Route53), Hadoop(basics), Git and Github. * **Operating System -** Linux(Ubuntu, RHEL, CentOS), Windows 8/10. * **Analytics -** Numpy, Pandas, Matplotlib, Scikit.  POSITION OF RESPONSIBILITY **Joint President at EEESoc (BIT Mesra) (June 2020 - Present) -** Responsible for organizing various workshops and events.  - Started a weekly event DEV\_WEEK for freshman year students. HOBBIES Badminton, Computer Games, Mathematics. |