BHAVESH KOTWANI

Mail   GitHub   Linkedin

3ʳᵈ YEAR UNDERGRADUATE,

Department Of Computer Science And Engineering,
BITS Pilani, Pilani Campus.

ACADEMIC PROFILE

Year	Degree	Institute	Performance
2023 (expected)	B. Tech.Computer Science and M. Sc Biological Sciences	BITS Pilani, Pilani Campus	CGPA: 7.9(6 Semesters)
2018	CBSE (XII)	All Saints School, Ajmer	89 %
2016	CBSE (X)	Saint Anselm's Sr. Sec. School, Ajmer	CPGA: 9.8

PROJECTS UNDERTAKEN

Projects	Description
Invoices Parser App (Web App published on Firebase)	Invoices Parser is a web application I am currently working on, which uses Google Cloud Document AI Processor for Invoices Parsing, and the parsed information gets stored in Firebase Cloud, and the outputs can be exported to google sheets, which is integrated through the sheet API. The app has 3 user roles, superadmin, admin and employees.
LegalAstro News Android App, Web App for Article Publishing	LegalAstro is an android news application for news articles, circulars, notices, etc., for accountants, professionals, businessmen and people in Legal businesses to stay updated with the latest government updates. The articles are retrieved from a python based scraper(Whose link cannot be added due to privacy and ownership concerns). Currently the marketing of the app is through FB Ads Manager.
Meri Samruddhi (Web Application Published on Firebase)	This project includes a form created in Hindi using the postal service API, and the google Translation API for the farmers located in Maharashtra to collect their field data and personal information, and deliver sample fertilizers to them. The data collected from farmers is collected in firebase server, and can be updated by admin on a google sheet. This later is connected with a challan printing script I created in Python for getting the delivery challans(The Web App has a mobile view by default, since the target audience is farmers).
Attendance App (Play store Published, Web App on Firebase)	This application is published on the FIRMSAP developer account as Legully Attendance, and is majorly an application to manage the company's attendance. This app has three roles: superadmin, admin and employee, with two logins. The company can manage employees attendance arrival and exit conditions and record their details thereafter. The company can also upload attendance related documents and the employees can upload reimbersements if needed. Android App: https://play.google.com/store/apps/details?id=com.legully.attendance
Expense App (Play store Published, Web App on Firebase)	This application is published on the FIRMSAP developer account as Legully Expenses App, and is majorly an application to manage the user's expense documents. This was a freelancer project, and was a great experience for me, and it involves the use of Google sheets API, the oauth 2.0 consent screen, and filtering and sorting data based on tags. Android: https://play.google.com/store/apps/details?id=com.expenses.aarc
Equestock (Android, IOS and Web App)	Equestock is a stock sentiment analying application which I worked on in collaboration with my colleugue for a US Client on Freelancer.

Virtual Try On(Colab Notebook)	A virtual try-on method takes a product image and an image of a model and produces an image of the model wearing the product.This was supposed to be a scalable project, but there were some unresolvable concerns, like poor output image quality, long duration of processing, which made us give up on the project.
Personal Projects	ocrApp: Image to Text ocrApp for all languages, toQR: QR CODE generator App, Nutrical: Food Calculories calculator App, Simple HRNET: Get 17 Human keypoints from the image, Human Segmentation Model: Using Tranfer Learning

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TECHNICAL SKILLS

- **Languages:** C, C++, Java, HTML, CSS, Javascript, Typescript,. Python, AngularJS
- **Softwares:** Visual Studio 2017, Pycharm(Jupyter Notebook)/Google Colab, Android Studio, Postman(Basic APIs Integration)
- **Skills:** Machine Learning(primarily CNNs and ANNs), Full Stack Web and Mobile App Developer(in Django and Ionic Angular), Basic Web Scraping(Python, Selenium), Firebase(Auth, Firestore, Storage, Notifications, Dynamic Links), Sendinblue(SMTP, Transactional Mails), Facebook Ads Manager, Rest API Integrations(Primarily in JS), Payment Integrations(Paypal), Google Play Console
- **Platforms**: Windows

PERSONAL INFORMATION

- Address: H No. 23/21, Tilok Nagar, Near Usri Gate, Ajmer
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