Prateek Dubey
Software Developer

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WORK EXPERIENCE

Software Developer
Tavant

07/2019 - Present   *Noida*
works in domain like agritech and media domain

Achievements/Tasks
- worked in Land o'lakes Sustain which works in AgriTech Domain in United States.
- worked on its E-commerce platform with React, Webpack, Adobe Analytics.
- worked on **server-side rendering** and **lazy loading** in React to optimize performance.
- used libraries like leaflet,d3.js, Amcharts, jspdf for data visualization, pdf generation etc
- worked on Sustain's Contracts Management module with Angular 9 on using **pipes**, common **directives** , **interceptors**, Material UI
- worked with Sonar and Checkmarx for improving code security.
- worked with **Jasmine** for unit testing.

Software Developer
Newgen Software

07/2017 - 07/2019   *Noida*
vendor/provider of BPM, ECM, CCM, DMS, Workflow & Process Automation

Achievements/Tasks
- Rail Vikas Nigam Limited: using Javascript and Java developed modules for automation of workitems from one user to other.
- worked in IDMC (Gujarat) using Java and **Oracle SQL**. Made utilities for integration with SAP. Designed stack-like structures for workflows movement.
- ICICI Trade Finance: Worked on Angular 4, Restful services, EJB Framework and MySQL. Made utilities for SMS and Email generation, pdf and excel generation.

Software Developer(Intern)
Delimedy

02/2017 - 06/2017   *Noida*
Healthcare medicine delivery

Achievements/Tasks
- worked on Android application on various UI components using material.
- Integrated **Firebase** for push notification
- Integrated **Tumblr** API (Jumblr) for fetching posts from Tumblr to show on Application.
- Integrated **Youtube API** to fetch videos from Delimedy's Youtube Channel.

EDUCATION

B.Tech(Information Technology)
Jaypee Institute Of Information Technology,Noida

2013 - 2017

SKILLS

Javascript | React | Angular | Typescript
Jasmine | Core Java | MySQL

PERSONAL PROJECTS

Handwriting Recognition (Javascript, Python)
- Handwritten, printed text and numerals recognition to convert it into editable/ document format. Constructed model in python using **OpenCV** and used saved model through **React**.

Green Board (Android , Php)
- Green board are actual boards in most schools where students put up their announcements for others to read and interact. This app brings the same features and much more to the users. The announcement can be categorized as Sports, Academics, Events, Offers, Favours, etc. It was based on **Google Cloud Messaging.**

Reducing Redundant dataset in Association based Technique (Research Paper)
- Published a research paper on making changes in Apriori algorithm to produce more efficient algorithm ,Kapriori . Kapriori take less time than that of classical algorithms and will be fruitful in saving the time in case of large database.
- **https://www.irjet.net/archives/V3/i5/IRJET-V3I5556.pdf.**

Profile Based Location Recommendation System (Javascript and Php)
- It recommends a residential location to a user according to his profile(he may be a senior citizen or may be a student).It applies data mining algorithms on distances to various nearby places to calculate the result .Then through data visualization ,the user gets the overview of the place recommended. Coordinates achieved through K-Means were rendered as KML layer on **Google Maps**.

ACHIEVEMENTS

Pat On Back (07/2017 - 04/2018)
Got the award "Pat On Back" for good performance in the IDMC project in Newgen. Improved load time, performance in IDMC and also re-designed some legacy modules with a more optimistic approach.

1st Runner Up in Tavant Artificial Intelligence and Analytics (India Region) (05/2020 - Present)
*Made i**nappropriate text detection** in **React** and **Python**. Trained **CNN-based model** and used inside the browser with tensorflow.js. Also used spacy for synonym generation for detected inappropriate words.*

Gold Badge (Problem Solving) in Hackerrank
hackerrank.com/prateekdub

CERTIFICATION

AZ-900
Microsoft Azure Cloud Fundamentals

CETPA, Lucknow
Android App Development