Dipak Arun Patil

I'm an energetic and diligent Software Engineer with a curiosity-driven year of industry experience. Having a strong technical background and ability to work in the full software development lifecycle would help me to build innovative and cutting edge business solutions for the impressive suite of clients within the industry's global reach. Having worked upon a variety of projects have diversified my knowledge and helped me to adapt to changes quickly and become a productive team member. I am time-conscious, detail-oriented and have the capability of adhering to strict deadlines.

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https://www.linkedin.com/in/dipak-patil-26b914169

https://github.com/dipak2911

https://dipak2911.github.io/Dipak_Patil_Portfolio/dist/index.html

Skills

Programming Languages :

- Java
- C
- C++
- Python
- Android
- HTML / CSS / JavaScript
- SQL / PLSQL

Tools & Technologies

- ReactJS
- Hibernate
- Flask
- Database
- Git
- Machine Learning
- Natural Language processing
- TIBCO BusinessWorks
- TIBCO EMS
- TIBCO Cloud Integration TCI

Work Experience

Associate Support Engineer
TIBCO Software Inc. | Sept 2020 - Present

Working as a product support engineer skilled at visually developing enterprise integration patterns and interactions between microservices and APIs. Accelerating integrations of applications and data using (Java, HTTP, XML, JSON, XPath, SOAP, REST, WSDL, Databases) and a wide range of connectors to enterprise endpoints and data sources. Have detailed knowledge and hands-on work experience on the following-
- Different Authentication/Authorization mechanisms e.g. Basic, OAuth, Kerberos, etc.
- Cloud technologies and different services e.g. AWS, Docker, RedShift..etc. TLS/SSL concepts and their working mechanism.
- Process Management, Memory Management, Performance management, application Scaling, etc.Rapidly and effectively resolved high severity complex production issues of TIBCO Businessworks 6X, TIBCO Cloud Integration, an enterprise integration platform-as-a-service (iPaaS) and other related products(BW 5X, EMS) to reduce/prevent any business impact.

Achievement - Employee Recognition - Upcoming Talent - Q2 2021

Academic History

B.E (Computer Engineering)
2016 - 2020 | CGPA - 8.68

Modern Education Society's College of Engineering, Pune

12th (HSC)
2015 - 2016 | Percentage - 87.54%

R.C.Patel Junior College , Shirpur , Dhule

10th (SSC)
2013 - 2014 | Percentage - 95.40%

R.C.Patel Sec School , Shirpur , Dhule

Certifications

- **JAVA** - Max Education
- **Flask Essential Training** - Linkedin
- **TIBCO Certified professional** - TIBCO - Verification Link
- **TIBCO Certified Assocaiate** - TIBCO - Verification Link

Achievement

Solution designed by our team selected on National Level for Smart India Hackathon (SIH 2020).

Statement - sentimental analysis of code mixed language (for BEML India)

Other Skills

- Designing and developing complex source codes with efficient manner
- Confident in my interpersonal communication and leadership quality.
- Strong analytical thinking and planning skills, and strong resistance to stress and adaptability

Projects

Sentimental Analysis of Code Mixed Language :
Runnerup SIH 2020

Worked on project which does sentimental analysis of code mixed languages . Target was to analyse social media post for their sentimental message , As most of the   social media content now a days is code mixed.(eg - Hinglish)
This project provides solution for Indian Science Ministry at National Level Competition (SIH 2020)
Technology Stack :
NLP (Natural Language Processing) , Python , RNN(Recurrent Neural Network) with LSTM , Django

Health Monitoring System Based On Diet Evaluation (Using NLP and KNN) :

Machine Learning project which will suggest a diet based on past diet. NLP has been used to   get user input and specially designed ML algorithm which recalibrates diet chart dynamically. For user feasibility Client Android Application(Java) is developed and server (Using Flask Rest   Framework) is deployed on Heroku cloud platform for remote access.
Technology Stack :
NLP (Natural Language Processing) , Cloud deployment of server (Heroku) , Machine Learning (ML) Android (Client Application)
Link :
 https://github.com/Dipak2911/Health_monitoring_system_based_on_diet_evaluation

portfolio Website :

Designed and hosted own resume website. The site will provide an overview of my career interests, projects, and achievements.
Technologies / Language -Javascript, HTML/CSS , Git
Link : https://github.com/Dipak2911/Dipak_Patil_Portfolio

Seminar on Mixed Reality :

Conducted research on Mixed Reality for seminars and seeking opportunities to participate in Mixed   Reality projects.
Description :
Mixed reality based application using touch screen interface, mounted on a mobile platform, and we use screen space 3D manipulations to arrange virtual objects within the MR scene to   reduce the cost of designing MR application.

Attendance Manage System :

Description :
Worked on ERP for college which would maintain attendance of students. It will give data   analysis from teachers as well as the student's perspective.
Responsibilities :
Worked as an team leader as well as active group member in a team of 4 people   contributing to the construction of a database , UI and coding.
Technologies / Language - Java , MySQL , UI using Java Swing. Platform - Eclipse IDE