Vishal Tiwari

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EXPERIENCE

COGNIZANT | Programmer Analyst
Jan 2022 – Current | Gurugram, Haryana
- Developed AWS file uploading service with React UI.
- Fixed bugs in backend services that increased system performance by 25%.
- Developed a portal for stock price index and holdings with React and Spring REST.

CRAZLIV GAMES PVT. LTD. | Web Developer Intern
Aug 2021 – Nov 2021 | NOIDA, UP
- Designed and developed a web application for a client that shifted around 70% of basic day-to-day operations online like booking, enquiry, order, contact, etc.
- Developed Rest-APIs using Django Rest Framework for online slot booking for a client that saved customers' time and increased revenue by 30%.
- Added Online quiz games service in an application that enhanced user experience.

P2L IMPACT LEARNING EMPOWERS PVT. LTD. | Backend Developer Intern
Mar 2021 – May 2021 | Delhi
- Designed and developed SQL database models for complex applications.
- Developed Rest-APIs for e-commerce application.
- Fixed bugs in the back-end services through Postman.

PROJECTS

CHAT-APP | Real-time Chat application
- Built with ReactJS for frontend, integrates Firebase SDK for real-time data synchronization. [code]
- Implemented authentication system requiring login/signup

COVID-19 CHATBOT | Covid related response generation
- Chatbot's architecture uses Artificial Neural Network for response generation whose training accuracy went above 95%.
- Chatbot uses advanced NLP algorithm to preprocess and understand user queries.
- Chatbot uses python Tkinter library for frontend GUI.

WISHSTORE | E-Commerce Platform (Full Stack) [code]
- Designed and built an e-commerce website with ReactJS for frontend; NodeJS, integrating with Strapi CMS for backend.

SOCIAL APP | Social Media website [code]
- Designed dynamic and responsive UI using ReactJS library, and backend using NodeJS Express framework.
- Implemented socket programming to establish real-time communication channels for showing online presence.

SKILLS

Languages:
- C++ • C
- Java • Python
- JavaScript • GIT
- HTML • CSS

Frameworks:
- Spring Boot • NodeJS
- ReactJS • ExpressJS
- Django REST

Databases:
- MySQL • MongoDB

Familiar:
- Firebase • AWS
- Neural Network • NLP
- Machine Learning

EDUCATION

BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING
Bachelor of Technology in Information Technology
New Delhi | July 2022
CGPA: 8.5 / 10.0

OTHER

PUBLISHED A RESEARCH ARTICLE IN IJIEI
Title: Neural Network and NLP based chatbot for answering COVID-19 queries.
This paper contains in depth study of our COVID-19 Chatbot, describe working and detailed comparison of ANN and NLP algorithm that we have used.

2ND PRIZE IN SUSTAINATHON
24-hour hackathon | Nov 2020
Developed Web App, **DefeatCovid**, a complete solution for tackling Covid-19, getting covid-related responses, fighting depression, sharing experiences and many more.

MANAGING LEAD @ OSI
OSI Technical Society | Aug 2019
Conducted seminars on python development, managed events, etc.

LINKS

Github:// **VishalTiwari-99**
LinkedIn:// **Vishal Tiwari**
Portfolio:// **Vishal Tiwari**