

# 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:

- Java • C++ • Python
- JavaScript • HTML CSS

Frameworks:

- Spring Boot • NodeJS
- ReactJS • ExpressJS
- Django REST • Git

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**

LeetCode:// **vishal**