

Divyansh Agarwal

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WORK EXPERIENCE

TATA CONSULTANCY SERVICES | ETL DEVELOPER

August 2021 - Present | Delhi, India

- Responsible for developing and maintaining various codes in the pipeline.
- Optimised the codes to reduce the daily production run time by 20%.
- Enhanced the code according to various business requirements.
- Used technologies such as **SQL, Matillion, AWS, Snowflake**

EWENTLY | BACKEND ENGINEER INTERN

March 2020 - July 2021 | Delhi, India

- Developed various backend services like otp, video meeting etc
- Used technologies such as **NodeJs, GraphQL, AWS, WebRTC**
- Developed OTP service that helped to implement new secure 2FA for ewently.
- Worked on **WebRTC** to create video meeting infrastructure for ewently.

DEFENCE RESEARCH AND DEVELOPMENT ORGANISATION | SUMMER TRAINEE

Jun 2019 - Aug 2019 | Delhi, India

- Learned about basics of web security, **TLS** and about various vulnerabilities in Websites.
- Implemented the learned skills to make a secure website without any known vulnerability.

EDUCATION

BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING

BACHELOR IN COMPUTER SCIENCE

Aug 2017 - Aug 2021 | Delhi, India

CGPA | 9.093

SKILLS

TECHNICAL SKILLS

Proficient with

JavaScript • Node.js • Express.js • React • Redux

Python • Git • Postgres • MySQL • AWS

Django • REST API • Django REST Framework

Data Science • Machine Learning • Deep Learning

Familiar with:

Java • Spring Boot • Docker • Arduino

SOFT SKILLS

Strong

Leadership • Resourcefulness • Team Management

LANGUAGES

PROFICIENCY LEVEL

Native proficiency:

Hindi • English

Working proficiency:

English

PROJECTS

MEDICHANGE | 2019 |

It is a OLX like medicine exchange platform where the user can resell their medicines which are no longer in use at a reduced price.

Technologies used: **Python, Django REST framework, React**

DSC BVP WEBSITE | 2019 |

It is a complete website that was created to manage all the events and registered members of the Developer Student Clubs BVP.

Technologies used: **Python, Django REST framework, React**

SERVICE-MANAGEMENT-CRM-API | 2020 |

It is an API to manage the customer's relationship which purchases any service from a company. It uses role based authentication method to assign different permissions to different roles.

Technologies used: **Python, Django REST framework, React**

HOW TO MANAGE LOGIN ACTIVITY USING JWT IN NODEJS | 2020 |

I used the concept of session simulation using jwt to manage the user's login activity, thus keeping the reliability, security, and stateless nature of JWT and thereby perform the intended task to manage the login activity of the user.

Technologies used: **NodeJs, ReactJs, JWT**

COVID-19 TIME SERIES PREDICTION | 2020

I performed time series analysis on the US covid 19 data and was able to achieve about 90% accuracy in predicting the new data using LSTM and RNN and ARIMA Model.

Technologies used: **Python, Keras, TensorFlow**

SCALABLE AND SECURE OTP MICROSERVICE USING NODEJS | 2021 |

It is an API that implements a OTP service in a scalable manner. In this, we do not need to store OTP with email or phone numbers rather a encrypted object is sent in response when OTP is requested which is decrypted and verified at the time of verification.

Technologies used: **NodeJs, Encryption, Decryption, AWS**

SOCIAL ACTIVITIES

HEAD OF WEB DEVELOPMENT | DSC BVP | 2019-2020

I was associated as head of web development in google developers group's DSC BVP as web head and also created and maintained DSC BVP's website.

PROJECT ASSOCIATE | NSS | 2018-2020

I managed all the technical projects of NSS BVP and managed the project team.

SWACHH BHARAT INTERNSHIP | GOVT. OF INDIA | 2019

I devoted 100 hrs in cleaning the nearby villages and explaining its residents about the importance of cleanliness under the swachh bharat mission.