

# ABHISHEK VERMA

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## EDUCATION

### JECRC UNIVERSITY

B.TECH IN COMPUTER SCIENCE AND  
ENGINEERING

2018 | Jaipur, India

CGPA : 6.88

### KENDRIYA VIDYALAYA

CBSE AISSCE

2013 | Shahjahanpur, India

Percentage : 81%

### CBSE AISCE

2011 | Shahjahanpur, India

CGPA : 9.2

## LINKS

<https://github.com/Abhishek21296>

[vermaabhishek.com](https://vermaabhishek.com)

<https://abhishek21296.itch.io/>

## SKILLS

### PROGRAMMING

- Typescript
- Javascript
- Python
- C# Unity

### FAMILIAR:

- Node.Js
- NGINX
- Unity Engine

### FRAMEWORKS AND DATABASE

- Express.js
- Angular 12
- MySQL
- MongoDB
- Socket.io
- Colyseus
- Sequelize
- Photon Multiplayer Framework
- EJS Template Language

## HOBBIES

- Table-tennis
- Online FPS (primarily CS:GO)

## LANGUAGES

- Hindi (Native)
- English (Fluent)

## EXPERIENCE

### BIT ACE TECHNOLOGIES PVT. LTD. | MEAN STACK DEVELOPER

October 2020 – Present | Jaipur, India

- Developed a Ludo game with the Colyseus multiplayer framework(Node.js) and Unity with firebase authentication and an admin with Express and EJS.
- Developed a desktop application for generating an Excel document for GST Invoices of an existing project using Electron, EJS and Express.js.
- Worked with NGINX to host multiple applications on a DigitalOcean droplet with SSL.

### AXIS INDIA MACHINE LEARNING AND RESEARCH LAB | MACHINE LEARNING INTERN

May 2019 – January 2020 | Jaipur, India

- Implemented most of the algorithms from scratch using concepts of Inferential Statistics, Probability, Linear Algebra and Convex Optimization.[LINK](#)
- Implemented several deep learning models (such as CNN or RNN) for time series forecasting, image classification, sentiment analysis.
- Gained insight on Data Preprocessing, Data visualization and Dimensionality reduction using techniques like PCA for Exploratory Data Analysis.

## PROJECTS

### WATCH.PARTY | NODE.JS, ANGULAR, FIREBASE, COLYSEUS

Personal

- A group streaming platform with chat where people can create room and stream videos (for now youtube only) together.
- Started out with socket.io but now working with colyseus with a new way to minimize sync latency among connected users.
- [Link](#)

### LUDO ONLINE | USING UNITY AND NODE.JS

Bitace Technologies

- Ludo game for android/iOS devices designed on unity with Node.js server as back-end.
- Both client and server uses web-sockets to connect and communicate.
- [LINK](#)

### STONES ERP | MEAN STACK

Bitace Technologies

- Inventory management and marketplace for companies who deal in stones blocks and slabs.
- [LINK](#)

### INTERNSHIP PROJECTS

- Twitter Sentiment analysis on live tweets.[Link](#)
- Sentiment classification through LSTM[Link](#)
- Generative Adversarial Network trained on cifar10 dataset[Link](#)
- Deep Learning [Link](#)

### ENGINEERING MAJOR PROJECT | HEXRO

August 2017-Dec 2017

- A six-legged robot by using Arduino as master in I2C bus and a 16channel PWM driver as slave.[Video Link](#)