# Venkata Abhiram Edapalapati

Computer Science | abhiramedapalapati@gmail.com | 938-153-8330

## Education

**BML MUNJAL UNIVERSITY – B. Tech**                                                                              **July 2018 – Present**

- Computer Science and Engineering, GPA: 8.87/10
- **Courses:** OOP in Java, Data Structures and Algorithms, OS, DBMS, Computer Networks, AI and ML, Penetration Testing.
- Awarded with Merit Scholarship 100%, Executive Council Member of SATA Club.

## Skills

**Languages:**    C++, Java, Python, Swift, GO lang, JavaScript, Typescript, HTML, Cascading Style sheets (CSS)

**Technologies:**    React, Angular, MySQL, Flask, Fast API, Android Development, iOS Development,

## Professional Experience

Software Engineer Intern – Development Team                                                                         Noida, India

**Smart Energy Water**                                                                                            Jan 22 - Present

Cloud-Based Digital Customer Engagement & Workforce Solutions for Utilities

- Managed a process re-engineering project to improve and consolidate end-to-end service processes; restructured communication flow among 10 modules and cut down API interactions by 75%.
- Swift programs to convert & display the JSON data in UI at low memory cost, Ram usage reduced by 2%.
- Automated database updating on user interactions with asynchronous Calls.
- Implementation of UI designer's mockups of new notifications Interfaces on iOS Application (X-Code).
- Resolved application redundant API calling which **Increased the App performance by 10%.**

Full Stack Developer Intern – Development & Deployment Team                                                         Hyderabad, India

**EAIESB Software Solutions**                                                                                     May 20 – Jul 20

Enterprise Software Solutions

- Built engine on back-end to setup and resolve high latency issues for token issuing
  - Led design and development of data models and schema in "pydantic" for a minimum viable database.
  - Designed and implemented algorithm to solve the security issue by implementing facial recognition (99.3% accuracy) for admin access.
  - Collaborated across the teams to generalize the module to make it plug and play (Used in 5 live projects).
  - **Resulted in decrease of latency by 50% of this new engine.**
- Developer for a web application that helps developers to create, organize and share JWT issuing credentials.
  - Designed and made a user-facing features in Angular10.
  - Automated failure metric report by creating an automated daily mail.
  - **Resulted in 100% satisfaction by all application users.**

## Projects

**Flu Shot**                      Created a collaborating machine learning platform for vaccination analysis and trend among individuals.

**Criminal Record Manager**   Defi web application based on Ethereum block chain for managing of records and cloud surveillance.

**United.**                       A social media android application for chat, video meetings and virtual group protests.

**Grey wolf optimizer**           A bio inspired algorithm's neural network implementation to predict the apparent temperature.

**Quizzes**                       A web portal that helps teachers and students to conduct, organize and share quizzes and performances.

## Interests

Badminton | Reading | Hackathons | Back-end Programming | Health | Anime

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Portfolio:   https://abhiramev.netlify.app
GitHub:      https://github.com/Abhiram2001/

Last Updated: 29 April 2022