# VISHAL KUMAR RAO

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## WORK EXPERIENCE

| 08/23 - Ongoing | **Software Development Engineer - 1** | Truminds Software Systems |
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❱ Developed backend functionalities allowing Dealers/Distributors to sell products by scanning QR codes, facilitating incentive earnings in cash/coins, and enabling conversion of coins to cash, booking trips or gifts.

❱ Designed and implemented transaction history functionalities allowing Dealers/Distributors to view, filter, and download detailed sales reports as Excel files.

❱ Streamlined the generation of warranty certificates using RDLC Template, ensuring a seamless workflow aligned with client specifications.

❱ Engineered a notification system using Firebase to send real-time updates and promotional notifications to users based on various events.

| 02/23 - 08/23 | **Software Development Engineer Intern** | Truminds Software Systems |
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❱ Completed an enriching internship as a Backend Developer, specializing in **Node.js**. Tasked with deciphering project requirements from senior team members, I successfully crafted APIs that delivered optimal and precise solutions. This journey was a profound learning experience, not just in technical aspects but also in the art of effective teamwork. Excited about translating these newly acquired skills into impactful contributions in future endeavors.

## EDUCATION

| 2020 - 2023 | **Master of Computer Application (CGPA - 8.49/10)** | Maulana Azad National Institute of Technology Bhopal(M.P.) India |
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| 2016 - 2019 | **Bachelor of Computer Application (Per. : 78.37/100)** | R.L.S.Y. College, Bettiah,W.Champaran |

## SKILLS

❱ **Programming Languages:-** C++, C#, Javascript

❱ **Libraries/Frameworks:-** ASP.Net Core, Node.js, Express.js

❱ **Databases:-** Sql Server, PostgrsSQL

❱ **Tools:-** Git, Azure Devops, Visual Studio

## PROJECTS

| **Daily Inspiro | Node.js, Express.js , PostgresSQL** | Work Link |
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❱ Developed Backend for a web-based platform allowing users to register and log in, access a collection of motivational quotes, and submit their own.

❱ Designed and implemented a secure user authentication system, enhancing user data privacy and account security.

❱ Integrated the SendGrid API to automate daily motivational quote email notifications, resulting in increased user engagement.

| **OnlineGradeBook | Node.js , Express.js , React.js , MySQL** | Work Link |
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❱ It's a web-based platform allowing students to take online tests, view immediate results, and access detailed performance analytics.

❱ Implemented a secure JWT-based user authentication system, ensuring data privacy and role-based access control.

| **Smart Car Parking System | Microcontroller,Sensors,Actuators** | Work Link |
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❱ Smart Car Parking System is an IOT Project , is responsible to auto-mate car parking system

❱ It is also responsbile to check availability of parking slot remotely.

❱ Arduino Uno, Ultrasonic sensor, Micro Servo, motor, Bluetooth module HC-05, 16*2 LCD display are used.

## ACCOMPLISHMENTS

❱ Secured AIR : 371 in NIMCET - 2020

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