

# Kevin Andel Josy

Ernakulam, Kerala, India — +91 7902469518  
kevinandeljosy11@gmail.com — LinkedIn — Portfolio — Github

## PROFESSIONAL SUMMARY

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A proactive and detail-oriented Computer Science graduate with practical experience in full-stack web development, specializing in the MERN stack. Adept at solving complex problems and delivering user-focused solutions with strong communication and leadership abilities.

## EDUCATION

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**B. Tech in Computer Science & Engineering**  
2020 – 2024

Government Engineering College, Thrissur  
**CGPA: 7.4**

**Higher Secondary Education**  
2017 – 2019

Government Higher Secondary School, North Paravur  
**Percentage: 92.67%**

**Secondary Education**  
2016 – 2017

St. Josephs's High School, Thuruthipuram  
**Percentage: 100%**

## SKILLS

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- **Frontend:** HTML5, CSS3, Bootstrap, Tailwind, JavaScript, React.js, Redux, Redux Toolkit
- **Backend:** Node.js, Express.js, JWT, RESTful APIs, CRUD operations, Authentication & Authorization
- **Database:** MongoDB, Firebase
- **Version Control:** Git, GitHub
- **Development Tools:** Postman, Jasmine, Figma, Agile methodology, Debugging, Websockets
- **Other Programming Languages:** Java, C
- **Soft Skills:** Leadership, Communication, Problem-solving, Attention to Detail
- **Relevant coursework:** Data Structures, Algorithms, Database Management Systems, Operating Systems, Object Oriented Programming.

## PROJECTS

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### Therapy Session Booking Platform

Developed a web application for booking therapy sessions with integrated video call and real-time chat functionalities using the MERN stack. Key features include:

- Use of WebRTC for seamless and high-quality video calls between users and therapists.
- Secure booking system to schedule therapy sessions based on therapist availability.
- Payment gateway integration using Razorpay for seamless and secure session payments.
- Notification system for reminders about upcoming sessions via email or SMS.
- Feedback and rating feature for users to review therapists and sessions.

### Virtual Crypto Trading and Learning Platform

Developed a web application to help users learn cryptocurrency trading on a virtual marketplace using the MERN stack. Key features include:

- Integration with the CoinGecko API to fetch and display real-time cryptocurrency prices and market trends.
- Simulated trading functionality to help users practice buying and selling cryptocurrencies without financial risk.
- User-friendly dashboard to track virtual portfolio performance and transaction history.
- Secure user authentication and personalized profiles for individual users.

### Pothole Detection System

Developed an application to detect and mark potholes on OpenStreetMap using data collected from phone sensors, aimed at preventing potential accidents. Key features include:

- Led the team of four successfully delivering the project ahead of schedule
- Utilization of OpenStreetMap to display potholes as red pointers overlaying the map.
- Integration of phone sensor data (e.g., accelerometer, gyroscope) to identify and record potholes.
- Real-time mapping of detected potholes to alert drivers and enhance road safety.
- User interface to allow users to view and report pothole locations.
- Notification system to alert users about nearby potholes and potential hazards.

### ACHIEVEMENTS & INITIATIVES

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- Achieved a rank of 1242 in the Kerala Engineering Entrance Examination (KEAM) 2020.
- Led and organized a national-level technical workshop as part of TechFest.
- Served as Team Lead for the final year project, successfully delivering the project ahead of schedule.
- Represented the student body as the student representative (2020-24).
- Worked as a Java and C programming tutor enhancing students' understanding of programming fundamentals.
- Working as a tutor managing a total of 100 students helping them improve their knowledge in all of their subjects.

### LANGUAGES

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- English (Fluent)
- Malayalam (Fluent)
- Hindi (Conversational)

### REFERENCES

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#### Prof. Soni P

Government Engineering College, Thrissur, Kerala  
Email: sonip@gectcr.ac.in — Phone: +91 8939911667

*Assistant Professor, Computer Science Department*

### PERSONAL DETAILS

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- **Date of Birth:** 11-07-2001
- **Gender:** Male
- **Nationality:** Indian
- **Address:** Cheramanthuruthy House, Thuruthipuram, Ernakulam, Kerala, Pin: 680667

### DECLARATION

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I certify that the above furnished details are true.

**Date:** 21-10-2024

**Signature:** \_\_\_\_\_