

# Monish Obaid

Portfolio: [monishobaid.tech](https://monishobaid.tech)  
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## EDUCATION

- Noida Institute of Engineering and Technology** UP, India  
*Bachelor of Technology - Computer Science; GPA: 7.27* July 2020 - June 2024  
*Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases*
- Indian Institute of Technology, Madras** Online  
*Bachelor of Technology - Programming and Data Science; GPA: 5.1* July 2021 - Present  
*Courses: Mathematics for Data Science I, Statistics for Data Science I, Programming in Python*

## SKILLS SUMMARY

- Languages:** Python 3.8, C++, SQL, JavaScript (ECMAScript 2020), TypeScript
- Frameworks:** React.js, Vue.js, Next.js, React Native
- Tools:** Kubernetes, Docker, GIT, GraphQL, PWAs
- Platforms:** Linux, Web, Windows, AWS
- Soft Skills:** Analytical Thinking, Problem-solving, Adaptability, Teamwork, Collaboration

## EXPERIENCE

- FuelBuddy - Largest Fuel Delivery Platform in India** Gurugram, India  
*Software Developer (Full-time)* Jun 2024 - Present
  - Wallet Integration:** Enhanced the customer application with wallet transaction capabilities via Easebuzz, increasing payment convenience and user satisfaction by 5%.
  - Delivery Payment Flows:** Implemented POD/COD and online payment delivery flows in the React Native application, enhancing the overall payment flexibility for users.
  - Code Refactoring:** Conducted code analysis and refactoring of the franchise application, leading to a 10% improvement in code maintainability and a 5% increase in development speed.
  - Tech Stack:** React Native, TypeScript, GraphQL, D3.js, Payment Integration
- FuelBuddy - Largest Fuel Delivery Platform in India** Gurugram, India  
*Frontend Intern* Aug 2023 - March 2024
  - Business Process Implementation:** Streamlined operations by creating a flow where organizational users manage deliveries for all associated users, improving efficiency by 15%.
  - Data Visualization:** Pioneered the creation of a comprehensive reports page for all orders using D3.js, increasing data accessibility by 20% and enabling data-driven decision-making across departments, resulting in a 15% boost in operational efficiency.

## PROJECTS

- Notes Application (Vue.js):** Developed a responsive note-taking web app using Vue.js 3 Composition API. Features include real-time note creation with validation, random color assignment, and a modal interface. Implemented reactive state management and modern CSS for an intuitive, mobile-friendly design. [Project Link](#)
- Typing Test (React.js):** Developed a React.js-based typing test application with brutalist design. Implemented multiple test durations, real-time WPM and accuracy tracking, progress visualization (Chart.js), and local storage for data persistence. Ensured responsive and accessible UI adhering to minimalist principles. [Project Link](#)
- Social Event Platform (Next.js, GSAP):** Created SocialWocial.in for an event with a footfall of 20,000 people, enhancing event management and participant engagement.

## PUBLICATIONS

- Fake News Detection using Machine Learning:** Authored a research paper on fake news detection using LSTM Networks. Analyzed various dimensions of fake news, implemented a data-driven approach, and achieved 99.68% accuracy. [Paper Link](#)
- Climate Adaptation and Mitigation in Agriculture:** Authored a policy brief on sustainable agriculture in West Bengal, India. Analyzed climate impacts, organic farming, water management, and storage issues. Provided recommendations for policymakers on farming practices, resource conservation, and agricultural infrastructure improvement. [Article Link](#)

## HONORS AND AWARDS

- Won SpotLight Award in the hackathon organized by OpenWeaver, competing against 200+ participants.
- Finalist in the policy-making competition at IIM-Bengal, top 4 out of 20 teams.
- Won the Best Website Builder award in a college competition organized by the NIET-IEEE.
- Contributed to an open-source project by Social Summer of Code with 100+ collaborators.