Mohammad Sahil

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Education

National Institute of Technology — Rourkela, India
Integrated Master of Science (MSc) in Life Science; CGPA: 7.56/10.0 — *Aug. 2019 – May. 2024*

Experience

Full Stack Developer (Contract) — Nov 2025 – Jan 2026
Focus On Concepts — *Hyderabad, India*

- Designed and developed the React.js website and admin panel using Next.js, Tailwind, MUI, Node.js, and Firebase
- Built dynamic routing for individual courses and implemented a CI/CD pipeline to reduce deployment time
- Developed admin tools to manage live and recorded courses, testimonials, FAQs, and student records
- Integrated Firebase for authentication, data storage, and real-time content updates
- Improved admin workflows and increased site engagement through responsive layouts and dynamic content handling

Software Engineer Intern — Aug 2023 – Feb 2024
TalentZ.AI — *Dubai, UAE*

- Developed a React.js-based full-stack job portal using Next.js, MUI, Redux, Node.js, and DynamoDB
- Implemented role-based dashboards for companies, students, and partners with separate access flows
- Built job listing creation, filtering, and real-time updates with user authentication
- Set up CI/CD pipelines and deployed the application on AWS Ubuntu (Lightsail)
- Supported over 5,000 user connections within three months and improved platform usage through responsive design

Backend Developer (Contract) — Jul 2023 – Aug 2023
Masterji Pvt. Ltd — *Bengaluru, India*

- Developed an admin panel using Node.js, Firebase, Cloud Storage, and Firestore to manage orders, garments, users, and roles
- Implemented admin authentication and role-based access control for four user types
- Built REST APIs enabling CRUD operations across more than 12 Firestore collections
- Integrated backend services with the Progressive Web Application for data synchronization
- Improved order tracking and internal workflows through real-time updates and structured admin tools

Projects

Just Speak – Event Organising Platform | *Next.js, Node.js, Firebase, Material UI, Bootstrap*

- Built a website and admin panel using Next.js, Node.js, and Firebase to manage events, chapters, and members
- Developed dynamic page generation for individual club chapters through the admin panel
- Integrated Firebase database and storage for content updates and media management
- Set up continuous integration and deployment for automated updates
- Simplified chapter management and supported expansion across multiple cities through centralized content control

Vriddhi – E-Sports Events Platform | *Next.js, Node.js, MongoDB, Stripe*

- Developed a React.js-based web application for managing esports events using Next.js, Node.js, and MongoDB
- Implemented event listings with filters, dynamic routes for individual events, and user authentication
- Integrated Stripe for online payments and built user dashboards to track registrations and payment status
- Deployed frontend and backend services and ensured mobile-responsive layouts
- Supported more than 10,000 users during multi-event tournaments and improved registration flow efficiency

Technical Skills

Languages: JavaScript, TypeScript, Python, SQL
Frameworks and Libraries: React.js, Next.js, Node.js, Express.js, Redux, React Native, Tailwind CSS, MUI
Databases and Cloud: Firebase, MongoDB, PostgreSQL, Amazon Web Services (EC2, S3), Google Cloud Platform, Vercel
Tools and Core Concepts: Git, GitHub, Docker, Continuous Integration and Deployment (CI/CD), APIs (REST, GraphQL), Object-Oriented Programming (OOP), Data Structures and Algorithms