

# Omkar Dnyaneshwar Chillal

Full-Stack & Mobile Application Developer

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## PROFESSIONAL SUMMARY

Full-Stack & Mobile Application Developer with strong hands-on experience building scalable web and mobile applications using the **MERN Stack** and **React Native**. Proven ability to design responsive user interfaces, develop **secure backend systems**, and deliver high-performance applications across the full development lifecycle. Skilled in **JavaScript (ES6+)**, **backend architecture**, **database design**, **RESTful APIs**, **real-time systems**, and **Agile workflows**, with a strong focus on creating reliable, user-centric products.

## PROFESSIONAL EXPERIENCE

### SDE Intern, NDSofttech Solutions

- Developed a major **MERN Stack Messenger App** implementing **real-time communication** using **Socket.IO**, user authentication, and media sharing features.
- Built a **Crypto Miner Android application** using **React Native**, focusing on performance optimization and responsive UI.
- Developed the “**Age of Swords**” **React Native game**, adapting the existing web-based game into a high-performance mobile version.
- Created the Android game “**Tap the Number in Sequence**” using **React Native**, implementing complete game logic and interactive UI components.
- Gained strong experience in **full-stack integration**, **mobile app development**, and production-level project delivery.

10/2025 – 12/2025

Pune

### MERN Intern, Crio.Do

- Built **industry-grade full-stack and frontend applications** using modern **JavaScript** and **React**.
- Developed **QTIFY** using **React.js** with advanced UI features and **modular CSS** architecture.
- Created **QKart Frontend** implementing **form handling**, **controlled components**, and robust **REST API integration**.
- Built multiple **responsive applications** including **XBoard**, **QTripDynamic**, **QTripStatic**, **XCruise**, **XProfile** using **HTML**, **CSS**, **Bootstrap**, and **JavaScript**.
- Strengthened expertise in **React Hooks**, **state management**, **API interaction**, **responsive design**, and modern **UI best practices**.

02/2024 – 01/2025

pune

## EDUCATION

### Master of Computer Application, KJEI's Trinity Academy of Engineering

12/2021 – 02/2024

Pune, India

### Bachelor of Computer Application,

Abhinav Education Society of Computer Science and Management

2017 – 2021

Pune, India

## SKILLS

### Frontend Development:

HTML5, CSS3, JavaScript, React.js, React Native, Bootstrap, DOM Manipulation

### Backend Development:

Node.js, Express.js, RESTful APIs

### Database :

MongoDB, MySQL,

### Tools & Platforms:

Git, Firebase, Postman, Heroku, Netlify, Vercel, localStorage

### Programming Concepts & Methodologies

ES6, JSON, Fetch API, Agile Methodologies

### UI/UX Optimization:

Responsive Design, Conditional Rendering, Multi-Select Filters, Image Carousels

### Mobile development

React Native

## PROJECTS

### Messenger App

- Developed a full-stack real-time messaging application using **React**, **Node.js**, **Express**, **MongoDB**, and **Socket.IO**  , with **Firebase Authentication** for secure user login.
- Implemented **real-time communication** where users can **chat, send photos, and exchange voice messages** with instant message delivery using **Socket.IO**.
- Built scalable **real-time user-to-user chat system** with typing indicators, live message updates, and system notifications for new messages.
- Designed a secure **password reset workflow** using Firebase email verification and authentication services.
- Developed **scalable backend APIs** and optimized database queries to ensure **high performance and low latency** under concurrent usage.
- Created **responsive, intuitive UI components** focused on delivering a smooth and engaging chat experience.

### Crypto Miner Android App (React Native)

- Built a **React Native** crypto mining app with wallet-based passwordless login, real-time mining lifecycle, configurable durations, rewards, and claim flow.
- Implemented monetization and engagement features including mining multipliers via **Google Rewarded Ads**, Watch Ads & Earn with daily limits, and persistent banner ads.
- Developed Refer & Earn with unique referral codes, dual rewards, lifetime mining bonuses, analytics, plus leaderboards and **app notifications** for retention.
- Created an **admin panel** and **cloud-hosted backend API** to manage users, mining activity, referrals, rewards, ads tracking, and system-wide metrics.

### Weather App

- Built a responsive weather application using **React.js** with real-time data from **OpenWeather API** and location search via **GeoDB**.
- Implemented **automatic current-location detection** and a **7-day forecast system**.
- Added **network type detection (2G / 3G / 4G / No Signal)** to improve reliability and user experience.
- Optimized performance and ensured full **cross-device responsiveness**.