

# Umesh Mali

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## Professional Summary

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Shipped a WebSocket-powered auction platform handling 50+ concurrent live bidders and an AI interview simulator supporting 200+ sessions — both independently built and deployed. Software Developer Trainee at PointMatrix IT Services, working daily in React Native, Flutter, and Firebase across the full mobile development lifecycle.

## Skills

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**Programming Languages:** Java, JavaScript, Python, SQL.

**Frontend:** React.js, React Native, Next.js, Flutter/Dart, HTML, CSS, Tailwind CSS.

**Backend:** Node.js, Express.js, REST APIs, Firebase, Socket.IO.

**Databases:** MongoDB, MySQL, Firestore.

**Tools & DevOps:** Git, GitHub, Postman, VS Code, Expo.

## Experience

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### Software Developer Trainee

Aug 2025 – Present

PointMatrix IT Services, Nashik

- Developed and shipped production-ready screens in React Native and Flutter, owning the full cycle from component design to deployment for a client-facing mobile application.
- Integrated Firebase Authentication and Firestore into a live app, implementing secure multi-role login and real-time data sync across devices.
- Refactored component architecture and API call patterns, eliminating redundant re-renders and cutting feature development time on recurring UI patterns.

## Projects

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### PrimeBid – Real-Time Auction Platform

[GitHub](#)

- Architected a full-stack auction platform using React.js, Node.js, MongoDB, and Socket.IO, sustaining 50+ simultaneous live bidders with sub-second bid propagation.
- Designed a WebSocket event system for real-time price updates, outbid alerts, and auction countdown without page refresh.
- Implemented three-tier role-based access control (Admin, Seller, Bidder) with route protection and transaction validation.

### AI Mock Interview Platform

[GitHub](#)

- Built an AI-driven interview simulator with Next.js, Gemini AI API, and Drizzle ORM, generating role-specific questions dynamically based on user-selected job profiles.
- Implemented in-browser video and audio recording with playback and AI-generated feedback per response.
- Designed a scalable schema architected for 200+ concurrent sessions, secured with Clerk authentication.

### Streaming UI – Redux, Lazy Loading & Multi-Profile Auth

[GitHub](#)

- Built a streaming interface in React.js with TMDb API and Redux for global state management across 10+ content categories.
- Engineered multi-profile Firebase Auth with isolated watchlist state per profile and route-based lazy loading to reduce bundle size.

### Cooksy – Recipe Finder App

[GitHub](#)

- Shipped a cross-platform React Native app with TheMealDB API, delivering search, random discovery, and category browsing across 500+ recipes.
- Persisted user favorites with AsyncStorage for offline access and designed a Masonry Grid layout with entrance animations.

## Education

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### Master of Computer Applications (MCA)

Sinhgad Institute of Business Administration and Research, Pune

Sept 2023 – May 2025

CGPA: 7.46/10

### B.Sc. Computer Science

R.Y.K. Science College, Nashik

Sept 2020 – May 2023

CGPA: 7.17/10

## Certifications

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- SQL (Basic & Intermediate) – HackerRank