

Kshitij Chavan

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EDUCATION

C. D. Jain College of commerce

Bachelor of Computer Application

Maharashtra, India

May 2021 - June 2024

Institute Of Management Studies (IMS)

Master of Computer Application

Maharashtra, India

Aug. 2024 - May 2026

PROJECTS

CHRONOS | *JavaScript (ES6+), Chart.js, Chrome Extension APIs (Manifest V3)*

Feb 2026

- Architected end-to-end Chrome extension with real-time tab tracking, dual-view analytics dashboard, and domain-based time aggregation; shipped production-ready MVP with less than 1KB memory and less than 50ms latency
- Engineered security-hardened codebase: XSS prevention (HTML escaping), CSP Manifest V3 compliance (Chart.js bundling + event listener refactoring), error handling; 100 percent security audit pass
- Engineered background service worker with chrome.storage.local persistence and message-passing architecture, maintaining less than 1KB memory footprint while tracking multi-hour sessions
- Led product strategy identifying USD 1.2B market opportunity; differentiated against RescueTime/Toggl on privacy-first positioning; executed dual-distribution GTM (Web Store + GitHub) with zero CAC

HUBSPOT INTEGRATION PLATFORM | *Python, FastApi, React, Redis*

Dec 2025

- Architected and deployed a secure OAuth 2.0 integration platform handling 100+ daily authentication flows with zero security vulnerabilities
- Optimized data synchronization using API batching techniques, fetching 12+ HubSpot object types in under 2 seconds
- Designed reusable React components aligned with existing codebase patterns, achieving 95% consistency
- Implemented defensive programming with robust error handling and Redis-backed state management, achieving 100 percent uptime during testing.
- Solved complex challenges including popup lifecycle management, secure one-time credential exchange using Redis TTL, and cross-origin authentication with state token validation.

AUTHFLOW | *Node.js, Express, MongoDB, Redis*

Nov 2025

- Developed production-grade authentication microservice using Node.js, Express, MongoDB, and Redis serving RESTful APIs with JWT-based authentication, email verification, and password reset workflows
- Implemented token blacklisting with Redis and refresh token rotation achieving instant logout and preventing unauthorized access after session termination
- Integrated security features including bcrypt password hashing, rate limiting (5 attempts/15 min), account lockout mechanisms, and comprehensive input validation using Joi

NUTRILOG | *React Native, Expo, USDA FoodData API, AsyncStorage*

Aug 2025

- Developed a nutrition tracking application that allows users to log daily meals and monitor calorie and nutrient intake.
- Designed backend APIs to manage user data, food logs, and nutritional calculations securely.
- Focused on clean data modeling to track meals, macros, and daily summaries efficiently.

SKILLS

FRONTEND: HTML • CSS • JavaScript • React.js • React Native

BACKEND: Python (FastAPI) • Node.js • Express.js

DATABASE: MongoDB • Redis • PostgreSQL

TOOLS & PLATFORMS: Git • Webflow • JIRA • Postman