

# Kshitij Chavan

Portfolio  
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[Linkdin](#) | [Github](#)

## PROJECTS

### HUBSPOT INTEGRATION PLATFORM | OAuth 2.0 BASED SAAS INTEGRATION SYSTEM

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% code consistency
- Implemented defensive programming with robust error handling and Redis-backed state management, achieving 100% 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 | PRODUCTION-READY AUTHENTICATION & AUTHORIZATION MICROSERVICE

Nov 2025 – Current

- 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
- Built layered architecture following separation of concerns with services, repositories, and controllers ensuring maintainable and testable codebase
- Integrated security features including bcrypt password hashing, rate limiting (5 attempts/15 min), account lockout mechanisms, and comprehensive input validation using Joi

### WEBHOOK LOGGER | A REAL-TIME WEBHOOK MONITORING AND LOGGING SYSTEM

Oct 2025

- Built real-time webhook monitoring system with Node.js handling webhooks from GitHub, Stripe, and Shopify with HMAC signature verification
- Developed live dashboard for webhook inspection with detailed payload/header visualization and JSON-based persistence for audit logging
- Implemented secure authentication using signature verification and deployed production application on Render with RESTful API

## EDUCATION

### C. D. JAIN COLLEGE OF COMMERCE | BACHELOR OF COMPUTER APPLICATION

June 2024 | Maharashtra, India

CGPA: 7.9/10 • 6th Sem SGPA: 8.87/10

### INSTITUTE OF MANAGEMENT STUDIES (IMS) | MASTERS IN COMPUTER APPLICATION

Expected May 2026 | Maharashtra, India

CGPA: N/A

## SKILLS

### FRONTEND:

HTML • CSS • JavaScript • ReactJS

### BACKEND:

Python (FASTAPI) • Next.js • Node.js • Express.js

### DATABASE:

MongoDB • Redis • PostgreSQL

### TOOLS & PLATFORMS:

Git • Webflow • JIRA • POSTMAN