

Dev Mehta

Software Developer

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Summary

Full Stack Developer experienced in building backend APIs, cloud-based applications, and AI-powered systems. Skilled in Python, Django/DRF, Node.js, PostgreSQL, AWS, and Docker, with experience integrating LLMs, RAG workflows, and third-party services. Focused on developing secure, scalable applications and improving performance through efficient backend design, caching, and automation.

Technical Skills

- **Frontend:** React, JavaScript (ES6+), TypeScript
- **Backend:** Python, Django/FastAPI, Node.js
- **Databases:** PostgreSQL, MongoDB, MySQL, Redis
- **Cloud/DevOps:** AWS (Lambda, S3, EC2), Docker, Jenkins, CI/CD
- **AI/ML:** OpenAI, Anthropic, LangChain, LangGraph, Pinecone, Hugging Face
- **Other:** Twilio, WebRTC, Socket.IO, Microservices, MCP Servers

Professional Experience

Software Developer	Feb 2025 – Present
Oodles Technologies, Gurugram	
• Led end-to-end architecture and delivery of scalable production systems serving users, ensuring high performance and reliability. • Built event-driven microservices using python and AWS (Lambda, API Gateway, SQS), reducing infrastructure costs by 25% and improving system resilience. • Optimized system performance through Redis caching, query tuning, and containerized deployments, reducing response time to under 200ms and deployment time by 40%.	

Education

Masters in Computer Application	2023-2025
GD Goenka University, Gurugram	
Bachelor of Science in Computer Science	2019 – 2022
Guru Jambheshwar University of Science and Technology, Hisar	

Projects

MiseIT (miseit.ai)

- Developed an AI-powered knowledge base for managing restaurant SOPs, recipes, menus, policies, and training documents.
- Implemented RAG-based retrieval workflows and semantic search using embeddings to enable context-aware access to restaurant knowledge.
- Integrated LLM-powered assistants for operational support and recipe-related use cases using Google Gemini APIs.
- Worked on AI document generation features to help create operational content such as SOPs and process documents.
- Added token usage tracking, cost visibility, and usage controls for AI features at the restaurant level.
- Built and maintained scalable backend APIs with role-based access control, analytics, and multi-tenant data isolation.
- Contributed across the backend stack using Django, DRF, PostgreSQL, Redis, Celery, Supabase, and Stripe.

ID Verification

Developed a backend-driven ID verification kiosk platform using Next.js, Node.js, Supabase, and Docker for hotel guest and visitor onboarding.

- Integrated AWS Rekognition, Textract, S3, and Amplify Face Liveness for document scan, OCR extraction, face comparison, and liveness verification.
- Built secure verification APIs for session creation, document upload, selfie validation, consent logging, and multi-step identity workflows.
- Implemented Cloudbeds and TTLock integrations for reservation validation, check-in automation, and visitor/main-door access code issuance.
- Added production-focused security features including session sanitization, secrets loading via AWS Secrets Manager, retry/lockout handling, and structured audit logging.

Now Video

- Developed and maintained a Node.js/Express backend for a video conferencing platform, delivering APIs for instant meetings, scheduled meetings, guest access, waiting room flows, and host moderation.
- Built timezone-aware meeting scheduling and recurrence features with validation, participant management, reminders, and meeting history persistence using PostgreSQL, Sequelize, and Luxon.
- Integrated SignalWire, PSTN dial-in, Google Calendar, Outlook, Google Drive, Wordly, and ElevenLabs to support realtime video, telephony, calendar sync, cloud storage, live captions, translation, and voice features.
- Implemented secure authentication and account workflows using JWT, Google OAuth, password reset, and email OTP-based two-factor authentication, improving access security and user onboarding.
- Designed modular backend architecture with controllers, services, repositories, middleware, migrations, and realtime Socket.IO components, enabling scalable development across billing, chat, polling, and admin features.

Certificates

- Advance Diploma in Computer Application
- NILETS CCC Certificate
- Certification of NILETS O' Level