DIGVIJAY SANJAY INGOLE

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EDUCATION

Master of Science MS, Computer Science   Aug 2023 - May 2025
California State University - East Bay, Hayward, California, USA
Coursework: Machine Learning, Advanced Algorithms, Cloud Computing, Cybersecurity, OS Design

Bachelor of Engineering, Computer Engineering   Jul 2018 - Jul 2022
Savitribai Phule Pune University, India
Coursework: Data Structures & Algorithms, Object Oriented Programming, Database Management, Cloud Computing

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TECHNICAL SKILLS

Languages: Python, JavaScript, C, C++, Java, SQL, Dart, HTML, CSS, Swift
Tools & Frameworks: NodeJS, Angular, Flutter, Git, Shell Scripting, React,
Cloud & Database Technologies: AWS, Supabase, GCP, Firebase, MySQL, MongoDB

WORK EXPERIENCE

Software Engineer, Chhajed LLC, Remote, USA   Aug 2024 - May 2025
- Built AI-powered enterprise meeting platform with Google Meet integration, implementing real-time transcription and intelligent summary generation using LLMs to reduce meeting follow-up time.
- Developed production iOS application leveraging Gemini API for personalized content generation, handling 1000+ API calls/day with robust error handling and fallback mechanisms.
- Architected secure Flutter application with AES-256 encryption for sensitive data processing, implementing cloud-based ML pipeline for document analysis and automated report generation.
- Collaborated directly with client teams to gather requirements, translate business needs into technical specifications, and deliver MVP in 3-month timeline.

Software Developer Intern, Mobigic Technologies, Pune, India   Nov 2022 - July 2023
- Developed and deployed fintech application on cloud infrastructure supporting 450+ concurrent transactions with real-time data processing.
- Built production-grade project management platform using cloud services (Firebase, GCP) serving daily active users.
- Implemented data-driven performance optimization using A/B testing and analytics, resulting in 40% improvement in application response times.
- Worked in agile environment with cross-functional teams to deliver features on strict timelines while maintaining high code quality standards.

Flutter Developer, Simba Developers, Pune, India   Jan 2021 - Jul 2021
- Led a team of 5 trainees to develop a cross-platform social media application using Flutter..
- Facilitated collaboration across team members, ensuring adherence to Agile principles and timely project delivery.
- Designed and implemented real-time messaging and media upload features, leveraging Firebase and Firestore.

PROJECTS

Agent DiNeo - Multi-Modal AI Assistant | Python, LangGraph, RAG Pipeline, Supabase, Vector Databases
- Architected enterprise-grade AI agent system using LangGraph state management with 80% accuracy on GIAI benchmark, integrating 15+ specialized tools including OCR, web search, and semantic retrieval.
- Engineered robust multi-provider LLM pipeline supporting Google Gemini, Groq, and HuggingFace models with intelligent fallback mechanisms, reducing system downtime by 95% through comprehensive error handling.
- Optimized data processing workflows with automated rate limiting, exponential backoff, andintelligent caching strategies, improving response time by 42% while processing text, images,Excel files, and video content.
- Built comprehensive RAG architecture with custom embedding handlers, semantic search capabilities, and advanced document processing supporting Wikipedia, arXiv, YouTube, and web data sources.

Recipeee - AI-Powered Recipe Discovery Platform |
- Developed full-stack cross-platform mobile application using Flutter and Node.js with real-time WebSocket communication, implementing Provider state management and supporting iOS, Android, and web platforms.
- Engineered AI-powered recipe generation system with Google Gemini 1.5 Flash model and Tesseract.js OCR integration for grocery bill scanning, featuring multi-API key rotation and 120-second timeout handling for complex AI operations.
- Built production-ready backend infrastructure with Express.js, Cloudinary image processing, and comprehensive error handling middleware, supporting recipe recommendation engine with allergen detection and HTML export functionality.

ACHIEVEMENT & CERTIFICATES

ISTE Hack-SPRINT v3.0 2021, a 36-hour hackathon - Runner Up Prize, September 2021.
Certification: AI Agents Excellence - Hugging Face - Jun 2025
The Complete 2021 Flutter Development Bootcamp with Dart - Sep 2020