

# Sundar Kalidass

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## Profile Summary

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Full Stack AI Developer with 3.5+ years of experience building GenAI-powered applications using LLM fine-tuning, RAG pipelines, and prompt engineering. Skilled in LangChain, Hugging Face, and FastAPI for AI integrations. Proficient in Angular, Node.js, and Python with a strong foundation in scalable cloud solutions on AWS (Lambda, S3, Cognito, API Gateway). Experienced in CI/CD, containerization, and infrastructure automation using Docker, Jenkins, and Terraform.

## Experience

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### Backend Engineer, Dbiz.ai – Hybrid

May 2025 – Present

- Focused on upskilling in Generative AI with hands-on exploration of LLM fine-tuning, Retrieval-Augmented Generation (RAG), and prompt engineering using OpenAI and Hugging Face.
- Built multiple proof-of-concepts (PoCs) using LangChain, FastAPI, and vector databases for AI assistants and document-based Q&A systems.
- Developed demo full-stack applications using Angular, NestJS, and MySQL to improve product architecture understanding and UI/backend integration.
- Practiced CI/CD workflows and containerized deployments using Docker and Jenkins; tested cloud deployment strategies using AWS Lambda and S3.

### Software Engineer, Auriss Technologies – Remote

July 2022 – March 2025

- Delivered end-to-end features for B2B SaaS products, focusing on scalable backend logic and seamless REST API integration.
- Contributed to GenAI PoCs including enterprise-grade chatbots and summarization tools using Azure OpenAI and Oracle AI APIs.
- Enhanced frontend performance by implementing Angular lazy loading, modular architecture, and Redis-based caching to reduce API latency.
- Integrated AWS services (S3, Lambda) and Oracle GenAI endpoints; managed CI/CD automation using Docker, Jenkins, and Terraform.

## Projects

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### Risk Management Solutions – Client: La Meer Inc

- Contributed to multiple GenAI proof-of-concepts aimed at automating compliance workflows, document processing, and regulatory analysis in financial risk management.
- Integrated OpenAI APIs with Oracle backend systems via AWS Lambda, enabling real-time data extraction, transformation, and insights from structured and unstructured documents.
- Developed an auto-summarization feature for meeting transcripts using AWS Transcribe and integrated it into the compliance audit flow.
- Implemented intelligent document search by leveraging Pinecone vector databases to support contextual retrieval of regulatory content, improving knowledge access for compliance officers.

### Medical-Legal Practice Platform – Client: Simplexam

- Designed and implemented RESTful APIs in Node.js to manage secure communication between Angular frontend and backend services.
- Upgraded both Angular and Node.js to the latest stable versions, resolving multiple compatibility issues and improving build performance and modularity.
- Implemented caching mechanisms using Redis and structured the frontend with reusable UI components to improve load times for medical and legal workflows.
- Integrated AWS services including S3 for file storage and Lambda for backend automation, ensuring scalable and cost-effective infrastructure.
- Worked closely with cross-functional teams including QA and product stakeholders to gather requirements, troubleshoot bugs, and ensure smooth production releases.

**Timesheet & Resource Management – Client: Questam**

- Developed core modules for employee timesheet tracking and project allocation using Node.js, Express.js, and MySQL.
- Designed role-based authentication and approval flows to manage user access and timesheet approvals efficiently.
- Enhanced user experience by implementing reusable Angular components with reactive forms and state management.
- Integrated AWS S3 for storing timesheet attachments and enabled email notifications using AWS SES.
- Monitored application performance and resolved production bugs to ensure system stability and user satisfaction.

**Education**

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**Akshaya College of Engineering and Technology**

Aug 2019 – Jun 2022

Bachelor of Engineering in Computer Science

**Skills**

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**Languages:** TypeScript, JavaScript, Python

**GenAI & LLM:** OpenAI, LangChain, Hugging Face, RAG, Pinecone, Faiss

**Frontend:** Angular, React

**Backend:** Node.js, NestJS, Express.js, FastApi

**Databases:** MySQL, MongoDB, Redis

**Cloud & DevOps:** AWS (Lambda, S3, Cognito, ECS, SQS, SNS), Docker, Kubernetes, Terraform, Jenkins

**Testing:** Jest, Jasmine

**Tools:** Git, Postman, Swagger, CI/CD

**Certifications**

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**AWS Certified Developer – Associate**, Nov 2024

**Microsoft Certified: Azure AI Engineer Associate**, Jul 2025