

# SACHIN PATIL

Head of Technology | AI Systems Architect | Engineering Leader

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## PROFESSIONAL SUMMARY

AI-first technology leader with 10+ years of experience designing and delivering scalable, intelligent systems across EdTech, Fintech, Healthcare, and Marketplace domains. Proven track record of building multi-agent AI architectures, generative AI products, and robust distributed systems serving millions of users. Led engineering teams of 25+ across full product lifecycles — from strategy and system design to hands-on development and production delivery. Reduced infrastructure costs by 30% and increased team productivity by 50% through process optimization, mentoring, and accountability-driven leadership. Passionate about leveraging AI to solve complex business problems at scale.

## CORE COMPETENCIES

<b>AI &amp; ML:</b>	LLMs, Multi-Agent Systems, NLP, Generative AI, RAG, LangChain, Prompt Engineering, Speech-to-Text/TTS	<b>Architecture:</b>	System Design, Microservices, Serverless, Event-Driven, API Design, Scalable Distributed Systems
<b>Languages:</b>	Node.js, TypeScript, Python, PHP, JavaScript	<b>Frameworks:</b>	Express.js, Django, React.js, Next.js, Angular, Laravel, Codeigniter
<b>Cloud &amp; DevOps:</b>	AWS, GCP, Docker, Kubernetes, Jenkins CI/CD, Kafka, RabbitMQ, SQS	<b>Databases:</b>	MySQL, PostgreSQL, MongoDB, Elasticsearch, Algolia, Prisma ORM
<b>Leadership:</b>	Team Building (25+), Budget Management, Agile/Scrum/Kanban, Stakeholder Management	<b>Strategy:</b>	Technology Roadmap, Product Ownership, Mentoring & Coaching, KRA/KPI Tracking, Vendor Management

## PROFESSIONAL EXPERIENCE

### Head of Technology

Apr 2025 — Present

WiZR | Eduvanz Finance Private Limited (EFPL) — Mumbai

- Defining and executing **AI-first technology strategy** across EdTech and Fintech verticals, accountable for architecture decisions and delivery outcomes
- Designed and deployed a **multi-agent AI system across all major Indian languages** using LLMs, NLP pipelines, and orchestration frameworks — enabling context-aware, multilingual interactions at scale
- Architected an **AI-powered assessment creation engine** with intelligent question generation, adaptive difficulty calibration, and automated evaluation workflows
- Built an **AI speech evaluation system** that produces generative AI reports for product gap analysis — combining speech-to-text, sentiment analysis, and automated insight generation
- Leading and mentoring **25+ engineers** (developers, QA, DevOps) with hands-on coding, daily code reviews, and accountability through KRA/KPI tracking
- Architecting **scalable, robust distributed systems** for B2B and B2C products — including REST APIs (Node.js/TypeScript), mobile apps, integration systems, and institute portals
- Managing engineering budgets, vendor relationships, and compliance across production environments

### Vice President — Technology

Jul 2024 — Apr 2025

WiZR | Eduvanz Finance Private Limited (EFPL) — Mumbai

- Led **Marketplace and Fintech** segments from zero to launch — designed product, selected technology stack, built architecture, and hired engineering teams
- Owned end-to-end product delivery across B2C (WiZR skilling marketplace) and B2B2C (Eduvanz education loans) with consistent on-time delivery
- Collaborated directly with **CXOs** on technology strategy, translating business goals into scalable technical solutions
- Established code review culture, CI/CD pipelines, and engineering best practices for new verticals

### Sr. Engineering Manager

Apr 2022 — Jun 2023

Eduvanz Finance Private Limited — Mumbai

- Led a team of **25 engineers** across development, QA, and DevOps — responsible for sprint planning, delivery, and performance reviews
- Reduced server infrastructure costs by **30%** through architecture optimization and resource right-sizing on AWS
- Increased team productivity by **50%** by implementing improved workflows, automation tools, and mentoring programs
- Implemented Agile methodologies (Scrum/Kanban), reducing project delivery time by **20%**
- Mentored and coached team members, achieving **15% increase in retention** and **20% improvement in satisfaction scores**

### Engineering Manager

Jul 2020 — Apr 2022

Eduvanz Finance Private Limited — Mumbai

- Managed **20+ engineers**, driving cross-functional collaboration between development, product, and operations teams
- Owned engineering budget allocation and cost optimization, delivering measurable infrastructure savings
- Implemented Scrum and Kanban workflows for adaptive, faster delivery cycles across multiple product lines
- Accountable for technical delivery quality, code review standards, and production stability

### Technical Team Lead

Sep 2018 — Jul 2020

Eduvanz Finance Private Limited — Pune

- Joined as **core founding team member**, defining technology direction and making strategic architecture decisions
- Built the engineering team from ground up — hiring, onboarding, mentoring, and establishing development culture
- Designed and set up **infrastructure, CI/CD pipelines, monitoring, and server environments** from scratch
- Integrated external systems including **banks, payment gateways, credit bureaus, and KYC vendors** for seamless operations

### Senior Full Stack Developer

Jun 2017 — Sep 2018

Gromor Finance Pvt. Ltd. (NBFC Fintech, MSME Loans) — Mumbai

- Architected **microservices** for loan management and origination systems using Angular, PHP, JavaScript, and Python
- Led UI development, performed code reviews, and managed a team of 7 (developers, QA, DevOps)
- Managed **production and staging servers**, AWS cloud infrastructure, and CI/CD pipelines

### Software Developer

Aug 2016 — Jun 2017

Crelio Health (LiveHealth) — Pune

- Built **HIPAA-compliant healthcare systems** using Python/Django, integrating healthcare machines and CRM platforms
- Designed AWS-powered real-time notification workflows (SMS/Email) for patients and doctors
- Enhanced data security and care coordination through **EHR portals** using JavaScript and MySQL

### Software Developer

Jun 2015 — Jul 2016

Tudip Technologies Pvt. Ltd. — Pune

- Full-stack development across complete SDLC using PHP (CodeIgniter/Laravel), Python (Django), HTML, CSS, JavaScript
- Collaborated with **U.S. and U.K. clients** on diverse web application projects — requirements gathering through deployment
- Improved application performance by **30%** through code optimization and efficient database queries

## KEY AI PROJECTS

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- Multi-Language AI Agent System:** Designed multi-agent AI architecture operating across all major Indian languages using LLMs, NLP, and agent orchestration — delivering context-aware, scalable interactions bridging language barriers
- Assessment Creation AI Engine:** Architected AI-powered assessment agent generating adaptive evaluations with intelligent question generation, difficulty scaling, and comprehensive evaluation frameworks using generative AI
- AI Speech Evaluation & Product Gap Analysis:** Built speech-to-text evaluation pipeline with sentiment analysis and generative AI reporting, transforming voice data into actionable product insights and gap analysis reports

## EDUCATION

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### Bachelor of Engineering (B.E.)

2012 — 2015

Pune University — Late G.N. Sapkal College of Engineering, Nashik

### Polytechnic Diploma

2009 — 2012

MSBTE — Jalgaon