

Kshitij Karandikar

Technical Architect

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Amsterdam, The Netherlands

With a specialization in rapid solutioning and emerging technologies, I thrive under pressure, particularly where standard documentation ends. As an Expert certified Mendix professional, I lead architecture, development, AI experimentation and implementation, leveraging agility to unblock developers and customers. I am an EMBA Candidate at Amsterdam Business School (focusing on AI, Data and Analytics), merging technical expertise with strategic vision for intelligent digital transformation.

- Known as the "go-to" for crisis, I've architected successful enterprise solutions, ensuring timely delivery.
- Bridging low-code needs by building custom React widgets and high-performance backend components, extending Mendix platform limits.
- Design and build reusable specialized modules and third-party integrations, significantly reducing cross-team dev time.
- Leading end-to-end native app development projects, including custom automated testing frameworks that slash regression cycles and accelerate time-to-market.
- Active Mendix Marketplace contributor (e.g., React file dropper, Apache e-charts).
- Translate complex requirements and AI capabilities into actionable insights and promote a learning culture.

Work Experience

Technical Architect | Mendix | Jul 2021 - Present | Amsterdam, The Netherlands

The "Firefighter" for Mendix related enterprise-scale technical challenges, I unblock bottlenecks for high-stakes scenarios or where standard documentation falls short. A specialization in learning and implementing technologies in short timeframes. My role focuses on bridging the gap between ambitious customer visions and achievable, high-performance solutions.

- Architecture & Problem Solving: Serve as the "master of debugging" for internal and external teams, resolving critical performance and bottlenecks.
- AI & ML Implementation: Leading exploration and integration of AI/ML services with Mendix implementations, moving from experimental services to functional, production-ready implementation.
- High-Code Extensibility: Developing specialized modules and custom React widgets for the Mendix Marketplace, enabling features like native mobile automated testing and complex third-party integrations.
- Performance Engineering: Directing deep-dive performance, quality and database tuning to improve the health and long-term maintainability of mission-critical applications.
- Knowledge Multiplication: Acting as a mentor and "Jack of all trades," constantly sharing new technical insights with the team to elevate the collective engineering standard.

Mendix Consultant | CLEVR | Sep 2019 - Jul 2021 | Amersfoort, The Netherlands

Specialized in extending the Mendix platform through high-code solutions (Java/JavaScript) for complex industrial and medical use cases.

- Geospatial Innovation: Built a sophisticated disaster management app including a custom-made Leaflet.js widget, allowing users to visualize corporate asset vulnerabilities (fire, flood, hurricane) with complex layers and interactive data filters.
- ML-Driven Healthcare: Developed a solution for consensual audio recording and transcription of doctor-patient conversations, enabling transcription, data analysis and improved documentation accuracy.
- Platform Mastery: Delivered end-to-end solutions involving complex data migrations, app platform transitions, and microservices architecture.

Senior System Engineer | Infosys | Sep 2014 - Sep 2019 | Pune, India / Amsterdam, The Netherlands

Built a career-long reputation as an "Out of the Box Thinker," leading small teams from ideation to delivery across 100+ applications. I specialized in unblocking complex requirements through agile development, incident management, and automated CI/CD pipelines.

- **High-Volume Delivery:** Developed and delivered 10+ standalone Mendix applications in a single year (2018), while managing 100+ applications for development and maintenance.
- **Technical Infrastructure:** Established and maintained end-to-end CI/CD pipelines over Azure DevOps (VSTS), integrating cloud and on-premise APIs for reporting and data processing.
- **Community Leadership:** Co-organized RADx, a major low-code hackathon, and delivered technical training for both internal teams and external clients.
- **Award-Winning Impact:** Awarded Most Valuable Player (Best Debutant) for the Financial Services Unit and voted "Out of the Box Thinker" by my team for consistent problem-solving under pressure.

Education

- **University of Amsterdam - Amsterdam Business School - Amsterdam, The Netherlands** | 2025 - 2027
Executive MBA | Artificial Intelligence, Data and Analytics
- **Symbiosis Institute of Business Management - Pune, India** | 2015 - 2016
Post Graduate Diploma | Innovation and Corporate Entrepreneurship
- **Institute of Technology and Management - Gwalior, India** | 2010 - 2014
Bachelor of Engineering (B.E.) | Mechanical Engineering

Skills

- **Core Competencies:** Mendix, React, Java, JavaScript, Artificial Intelligence (AI), Machine Learning, Python, R, React Native, Statistical modelling, Econometrics, Data Science, Full-Stack Development.
- **Infrastructure & Architecture:** Solution Architecture, Microservices, Cloud-Native, Kubernetes, DevOps, CI/CD, Automated Software Testing.
- **Strategy & Leadership:** Digital Transformation, Team Leadership & Coaching, People Analytics, AI Transformation, AI Law & Ethics, Technical Requirements Management, Strategic Business Modelling, Innovation Management.

Languages

- **English** - Fluent and Full professional proficiency
- **Dutch** - Limited professional proficiency
- **Hindi** - Native Language

Interests

RPG gaming, Culinary Travel & Tasting, Reading, Football & Padel, Tech enthusiast, Photography