

# ANIRUDDHA KUDALKAR

+919607352625,  
ANIRUDDHA.KUDALKAR@GMAIL.COM

---

## TO WHOM IT MAY CONCERN

With over 12 years of experience spanning various software development roles, including Full-Stack Engineer, AI Engineer, Tech Lead, Technical Project Manager, and CTO, I am eager to explore opportunities within your esteemed organization. My diverse background equips me with a comprehensive understanding of the software development lifecycle, blending technical proficiency with strategic leadership.

As an adaptable professional actively seeking opportunities, I have honed my ability to swiftly adapt to diverse projects and environments. For instance, while serving as a Chief Technology Officer (CTO) during the development of an IIoT platform, I collaborated closely with cross-functional teams from both IT and Manufacturing companies. This experience provided me with invaluable insights into integrating technology solutions within industrial settings, navigating complex stakeholder dynamics, and delivering successful outcomes despite challenges such as tight deadlines and evolving client requirements.

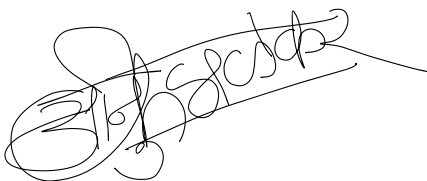
Furthermore, my extensive experience in both technical and managerial capacities enables me to offer holistic solutions that align with the evolving needs of modern businesses. Whether it's optimizing code efficiency as a Full-Stack Engineer or developing strategic technology roadmaps as a CTO, I consistently strive for excellence and innovation.

I am particularly enthusiastic about the prospect of collaborating with a forward-thinking organization like yours. Your recent initiatives in technology align perfectly with my expertise and interests, and I am eager to contribute to their success.

In terms of roles, I am interested in technical positions such as Technical Lead, Technical Project Manager, Engineering Manager, Project Manager, CTO, and becoming a Technical Co-Founder.

I am available immediately and excited about the opportunity to discuss how my background, skills, and enthusiasm can benefit your organization. Thank you for considering my application. I look forward to the possibility of contributing to your organization's continued growth and success.

SINCERELY,



ANIRUDDHA KUDALKAR

---

# ANIRUDDHA KUDALKAR

+919607352625,  
ANIRUDDHA.KUDALKAR@GMAIL.COM

## CONTACT

+919607352625  
aniruddha.kudalkar@gmail.com  
<https://aniruddhakudalkar.com>  
<https://www.youtube.com/@AniruddhaKudalkar>  
Pune, Maharashtra, INDIA

## SKILLS

Chief Technology Officer  
Technical Project Manager  
Team Lead  
Fullstack Engineer  
AI Engineer

## EXPERIENCE

12+ Years

## LANGUAGES

English  
Hindi  
Marathi

## PROFILE

- **12+ years** of experience as a dedicated computer programmer with a passion for problem-solving and excellence.
- **Strong work ethic** characterized by discipline, punctuality, and process-oriented approaches.
- **Adaptable and eager to learn**, embracing change and thriving on challenges.
- **Effective communicator** who fosters collaboration through transparency and open communication.
- **Proven people management** skills with a track record of nurturing and empowering individuals and teams.
- **Recognized as a good manager** who inspires motivation, builds trust, and delivers results.
- **Mentorship and leadership skills** to nurture and empower others.
- **Creative thinker** with expertise in sales, negotiation, communication, and management.
- **Extensive experience** across all dimensions of running an IT company.

## OVERALL WORK EXPERIENCE

- Founder of i4o Automation LLP , a company focused on Industry 4.0, IIoT, and AI solutions.
- Founder of Melayar Software Solutions LLP, a provider of full-stack app development and general software services.
- Founder of CodeKul Private Limited, a training institute specializing in technology training.
- Began career as a freelance Android App Developer and transitioned to a Fullstack Engineer, Technical Project manager and CTO role over time.
- Possess experience with a wide range of technologies, both new and established.
- Have also delivered corporate trainings for MNCs and Startups

# ANIRUDDHA KUDALKAR

+919607352625,  
ANIRUDDHA.KUDALKAR@GMAIL.COM

## Lead Fullstack Engineer

Freelance

2011-Present

- **Client Base:** Developed customized software solutions for over 40 clients.
- **Project Management Methodology:** Implemented Agile methodology for all projects.
- **Requirements Management:** Determined system requirements, documented them, and implemented necessary improvements.
- **Team Leadership:** Led a team of 20 experts in analyzing and building software solutions from inception to completion.
- **Stakeholder Collaboration:** Worked closely with Product Owners and Domain Experts to ensure project alignment with deadlines and expectations.
- **Customer Engagement:** Collaborated with customers to understand their needs and define product scope.
- **Load Management:** Communicated system load limitations to Product Owners to devise effective strategies meeting customer needs.
- **Quality Assurance:** Ensured high-quality final systems through proper installation, testing, and code corrections.
- **Customer Communication:** Provided regular updates to customers on issue resolution progress and addressed concerns.
- **Prototype Development:** Designed and assessed application purposes to demonstrate proof-of-concept prototypes.
- **Interpersonal Skills:** Improved team collaboration and customer relationships through exceptional interpersonal and communication abilities.
- **Technology Stack:** Utilized Fullstack (Java, MEAN, MERN) Technologies predominantly for software development.
- **API Development:** Built APIs for Mobile, Web Apps, and IoT Devices using Spring Boot and ExpressJs frameworks.
- **API Security:** Secured APIs using Spring Security, Keycloak, and implemented JWT, OAuth2, and OpenID Connect.
- **Frontend Development:** Developed frontends using Angular and React for a wide range of applications.
- **Mobile Development:** Created Mobile Apps using Native Android and Flutter.
- **Microservices Architecture:** Employed Spring Cloud Microservices for application development.
- **Cloud Deployment:** Deployed applications on AWS Cloud infrastructure.
- **Testing:** Conducted comprehensive tests on all software applications to eliminate bugs and correct issues before going live.
- **Continuous Improvement:** Achieved results through recommending and implementing improvement plans for tools and processes.

## Industry 4.0 Consultant

Freelance

2018-Present

- **Industry Awareness:** Conduct site visits to various industries, fostering awareness of Industry 4.0 concepts and technologies among stakeholders.
- **Process Analysis:** Analyze and comprehend industrial processes, engaging with shop-floor personnel and higher management to assess readiness for Industry 4.0 integration.

## AI Engineer

Freelance

2021-Present

- **Client base:** Delivered AI Solutions for 2 Companies
- **Data Acquisition:** Extraction expertise from PLCs, SCADA, and databases like MySQL, MongoDB, and PostgreSQL.
- **Data Processing:** Proficient in cleaning raw data to enhance accuracy and reliability.
- **Exploratory Data Analysis (EDA):** Skilled in conducting EDA to derive insights and comprehend underlying data structures.
- **Problem Understanding:** Ensuring a precise understanding and definition of problem statements.
- **Algorithm Selection:** Identifying the most efficient algorithms tailored to specific problem domains.
- **ML/DL Problem Identification:** Distinguishing between Machine Learning and Deep Learning problems for optimal solutions.
- **Data Preparation and Feature Engineering:** Expertise in preparing data, identifying features, and conducting feature engineering.
- **Framework Proficiency:** Skilled in utilizing various frameworks including Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, TensorFlow, and PyTorch for efficient data manipulation, visualization, and machine learning model implementation.
- **Model Training and Evaluation:** Conducting model training with a systematic trial-and-error approach.
- **Hyperparameter Tuning:** Implementing hyperparameter tuning techniques for result optimization.
- **Model Deployment:** Proficient in deploying models across diverse infrastructure setups.
- **AI Ethics Integration:** Incorporating AI ethics throughout the development process.
- **Model Maintenance:** Proactively maintaining models post-deployment for continued effectiveness.

## Technical Trainer

Freelance

2011-Present

- **Corporate Trainings:** Conducted comprehensive training sessions for professionals in various industries.
- **College Workshops and Seminars:** Organized and led engaging workshops and seminars in colleges.
- **Technologies Covered:** Spanning from basic programming languages to advanced full-stack technologies like Java, MEAN, MERN, as well as AI, Data Science, Machine Learning, and Deep Learning.

# ANIRUDDHA KUDALKAR

+919607352625,  
ANIRUDDHA.KUDALKAR@GMAIL.COM

- **Tailored Solutions:** Provide tailored Industry 4.0 solutions based on a deep understanding of each industry's processes and requirements.
- **Cross-functional Collaboration:** Collaborate with cross-functional teams to assess existing machinery and sensor systems, contributing to the development of robust architecture for Industry 4.0 implementation.
- **IT Focus:** Focus predominantly on the IT aspects of Industrial Internet of Things (IIoT) projects, ensuring seamless integration and optimization of IIoT systems.
- **System Architecture:** Demonstrate expertise in IIoT system architecture, designing scalable and resilient systems to meet diverse industrial needs.
- **Software Implementation:** Successfully implement software systems incorporating PLCs, SCADA, and HMI technologies.
- **Adaptation:** Adapt Industry 4.0 solutions to both legacy and modern machinery, ensuring compatibility and efficiency across the spectrum.
- **Protocol Proficiency:** Proficient in a wide range of communication protocols including OPC UA, Modbus, Profibus, and others, ensuring interoperability and seamless data exchange.
- **End-to-End Implementation:** Lead the implementation of end-to-end systems capable of collecting data from the edge and transmitting it to cloud-based platforms for analysis and decision-making.
- **Customized Solutions:** Develop mobile applications, visualization dashboards, and other customized solutions to meet specific client requirements, enhancing user experience and facilitating data-driven decision-making.
- **AI Implementation:** Implemented AI-powered anomaly detection and basic predictive maintenance solutions, leveraging machine learning algorithms to enhance equipment reliability and reduce downtime.

## Founder & CTO

i4o Automation LLP (Officially Closed) 2019-2021

- **Leadership and Team Development:** Led a multidisciplinary team of 20 experts, fostering collaboration, talent retention, and ownership to drive innovative solutions.
- **Strategic Vision and Innovation:** Developed visionary technology roadmap, implemented AI and Industry 4.0 solutions, fostered innovation culture, secured executive support.
- **Financial Stewardship and Resource Optimization:** Managed technology budgets aligned with business goals, negotiated cost-effective solutions, monitored expenditures, showcased ROI, mitigated financial risks.
- **Strategic Project Management:** Defined project scope, timelines, and milestones for AI and Industry 4.0 initiatives, orchestrated cross-functional collaboration, executed project plans, mitigated risks, maintained transparent communication with stakeholders.
- **Technical Expertise and Innovation:** Demonstrated expertise in AI technologies, pioneered Industry 4.0 methodologies, architected scalable AI solutions, enriched team's technical acumen.
- **Security and Compliance Leadership:** Implemented stringent security protocols, ensured compliance with data privacy regulations, conducted security audits, implemented encryption mechanisms.
- **Customer Engagement and Strategic Communication:** Collaborated with clients to tailor AI and Industry 4.0 solutions, provided regular updates on issue resolution, communicated system capabilities effectively, cultivated enduring partnerships.
- **Metrics-Driven Performance Optimization:** Defined and tracked KPIs for AI and Industry 4.0 initiatives, leveraged advanced analytics for insights, delivered comprehensive performance reports, championed a culture of continuous improvement.

## Founder & Project Manager

MeLayer Software Solutions LLP (Officially Closed) 2014-2021

- **Leadership and Management:** Led a team of 20 experts through software development, fostering collaboration, defining roles, mentoring for skill development, and navigating organizational dynamics.
- **Strategic Planning and Innovation:** Aligned technology roadmap with company strategy, conducted industry research, implemented new technologies, fostered innovation culture, presented recommendations to leadership.
- **Financial Management and Budgeting:** Aligned technology budgets with business goals, negotiated cost-effective solutions, monitored spending, justified investments with ROI, addressed financial risks proactively.
- **Project Management and Execution:** Scoped projects, led planning and implementation, managed risks, maintained communication with stakeholders.
- **Technical Expertise and Architecture:** Proficient in Java, NodeJs, Kotlin, Spring Boot, ExpressJs, Angular, React, Native Android, Flutter, Spring Cloud Microservices, and AWS. Designed scalable architectures, stayed updated on emerging technologies, mentored team members.
- **Security and Compliance:** Enforced security policies, ensured regulatory compliance, conducted audits, implemented encryption and access controls.
- **Customer Engagement and Communication:** Collaborated with customers, provided updates on issue resolution, communicated system limitations to Product Owners, built strong customer relationships.
- **Metrics and Reporting:** Established KPIs, analyzed data, reported to executives and directors, translated technical data for non-technical stakeholders.
- **Continuous Improvement:** Implemented improvement plans, conducted team retrospectives, fostered learning culture, sought new technologies/processes.

# ANIRUDDHA KUDALKAR

+919607352625,  
ANIRUDDHA.KUDALKAR@GMAIL.COM

## Founder; Manager, Fullstack Trainer

CodeKul Private Limited (Resigned as Director)

2016-2020

- **Curriculum Development & Delivery:** Conducted needs analysis, designed courses, created engaging materials, implemented instructional methods, selected LMS.
- **Building a Talented Training Team:** Developed rigorous recruitment process, provided comprehensive onboarding, established mentorship program, implemented performance evaluation, fostered supportive team culture.
- **Fostering Industry Collaborations:** Developed university partnerships, established industry advisory board, organized guest lectures, secured internship placements, integrated industry case studies.
- **Financial Acumen & Resource Management:** Developed budgets, implemented cost-saving measures, increased revenue, prepared financial reports, optimized resource allocation.
- **Expanding Online Reach & Impact:** Developed YouTube channel with coding tutorials, created Udemy courses, implemented online marketing, explored content localization, fostered online community.
- **Knowledge Sharing & Community Engagement:** Organized workshops, delivered seminars, participated in industry discussions, encouraged open-source contributions, provided mentorship.
- **Adapting Utilities:** Selected training platforms, stayed updated with tech trends, acquired new technologies, maintained IT infrastructure.
- **Marketing and Sales:** Developed marketing strategies, built industry partnerships, managed sales and inquiries.
- **Performance and Quality:** Implemented quality assurance measures, analyzed feedback for improvement, tracked KPIs for data-driven decisions.

## PRODUCTS DEVELOPED

### Dealer Management System

DMS is a Dealer Management System designed for tractor manufacturing companies. With features to streamline dealership operations, it empowers managing sales, service, inventory, and warranty processes. From authentication to sales tracking, DMS ensures operational efficiency and customer satisfaction, fostering business growth.

### Customer Service Platform

Customer Service Platform developed to cater to manufacturing enterprises' needs in tracking and managing service-related concerns. It offers tools to streamline processes, enhance product support, and foster customer satisfaction. Integrated with manufacturing workflows, it enables swift issue mitigation and upholds product quality.

### IIoT Platform

This cutting-edge IIoT platform revolutionizes industrial operations. With seamless integration of data connectivity, edge computing, analytics, and AI-driven insights, it optimizes efficiency and productivity. From real-time monitoring to secure cloud connectivity, the platform delivers unparalleled performance, driving innovation across industrial sectors.

### Trackji

An Android application offering comprehensive tracking and monitoring capabilities with user consent. Featuring GPS, SMS, camera, and file tracking, along with device state monitoring and basic controls, TrackJi provided robust oversight and security for mobile devices. With offline data saving and precise location tracking, TrackJi ensured reliability and peace of mind for businesses and parents.

## CLIENTS

### Corporate Training Clients

- Axis Bank: Java Full Stack Development
- Fractal: Python Full Stack Development
- Olam Group: Kotlin and Advanced Android App Development
- Synechron: ReactJs and Redux
- Publicis Sapient: Full Stack Product Development
- Mavericks: Spring Boot and Microservices
- Infosys (2 times): Spring Boot and Microservices
- Cognizant (2 times): Spring Boot Web Services, Microservices and Web Technologies
- 2020 Spaces: Advanced ReactJs
- Collabera Technologies: Java Backend Training
- PwC: Android App Development
- Hexaware: Java and Python Full Stack Development
- US Government, Patent Office: Java Microservices
- Bisil India Pvt Ltd: Mobile App Development
- FIS, Pune: UX Design
- Innoplexus Private Limited: Angular 5

### Product Clients

- Kubota Tractors,
- Maschio Tractors,
- Toshiba Systems,
- Glen Appliances