# ANIRUDDHA KUDALKAR

FREELANCER | AI ENGINEER | FULLSTACK DEVELOPER

## TO WHOM IT MAY CONCERN

I am writing to express my interest in opportunities within your organization. With over 12 years of experience as a full-stack engineer, including more than four years specializing in artificial intelligence (AI), I am eager to contribute my skills and expertise to your team.
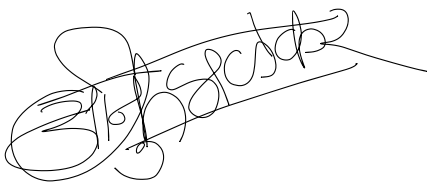
As a freelancer actively seeking contractual opportunities, I have honed my abilities to adapt quickly to diverse projects and environments. My extensive background in both full-stack development and AI allows me to offer comprehensive solutions that align with the evolving needs of modern businesses.

Having worked primarily in the manufacturing domain, I am well-versed in the unique challenges and requirements of this industry. My hands-on experience spans various facets of the manufacturing process, enabling me to deliver tailored solutions that optimize efficiency, productivity, and quality. Additionally, while my background is rooted in manufacturing, I possess the adaptability and versatility to excel in any industry.

I am particularly excited about the prospect of collaborating with a forward-thinking organization like yours. I am confident that my skill set, combined with my passion for technology and problem-solving, will make a valuable contribution to your team.

I am available immediately and eager 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 success.

SINCERELY,

ANIRUDDHA KUDALKAR

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## CONTACT

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## SKILLS

AI Engineer

Fullstack Engineer

Team Lead

Technical Sales

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## EDUCATION

**Bachelor of Engineering**

**Information Technology**

2006-2011

Completed Engineering Degree from Shivaji University (Kolhapur) in Information And Technology; with First class and Distinction.

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## 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.
- **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.

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## WORK EXPERIENCE

### Founder & Cheif Technology Officer (CTO)

i4o Automation LLP       2019-2021

- **Technology Vision and Strategy**: Developed and communicated the company's overarching technology vision and strategic roadmap, aligning technology initiatives with business goals.
- **Leadership and Team Management:** Provided visionary technical leadership to a cross-functional team of 20 developers, testers, designers, security consultants, and AI engineers. Managed and mentored the technology team, fostering a culture of collaboration, innovation, and continuous learning.
- **Project Management:** Demonstrated expertise in project management, overseeing the execution of projects to ensure high-quality deliverables within designated timelines.
- **Technical Architecture:** Designed and reviewed intricate technical architectures, ensuring scalability, security, and optimal performance of software solutions.
- **Industry Trends and Innovation:** Maintained a proactive approach in staying abreast of industry trends, with a particular focus on the latest developments in AI and related technologies. Spearheaded AI and machine learning initiatives, fostering an environment conducive to research, experimentation, and innovation.
- **Cybersecurity and Quality Assurance:** Collaborated closely with security consultants to establish robust cybersecurity measures, ensuring compliance with industry standards and regulations. Implemented and enforced rigorous quality assurance processes, resulting in enhanced product quality and customer satisfaction.
- **Strategic Partnerships:** Cultivated and managed strategic partnerships with technology vendors and external stakeholders, contributing to successful project outcomes.
- **Risk Management:** Identified and mitigated potential technical risks, applying strategic problem-solving skills to ensure seamless project execution.
- **Stakeholder Communication:** Effectively communicated technology updates and progress to executive leadership and non-technical stakeholders.
- **Budget and Resource Management:** Managed the technology budget and resource allocation to optimize resource utilization and drive value for the organization.
- **Process Improvement:** Evaluated and improved existing processes, tools, and methodologies, resulting in increased team productivity and efficiency.
- **Collaborative Work Culture:** Fostered a collaborative work culture that encouraged cross-functional teamwork, innovation, and professional growth.

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## 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 developers 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 Java, NodeJs, and Kotlin 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.

## AI Engineer

Freelance                                    2020-Present

- **Client base:** Delivered AI Solutions for 4 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.
- **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.