ADITYA KALE

SOFTWARE DEVELOPER & PRODUCT MANAGER

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PROFESSIONAL SUMMARY

Results-driven Software Developer & Product Manager with 3+ years of experience building and scaling AI-powered web applications. Proven track record of leading end-to-end product development, enhancing system performance by 30%+, and driving cross-functional collaboration to deliver high-impact, user-centric solutions. Passionate about leveraging emerging technologies including AI, Web 3.0, and AR to solve real-world problems, accelerate innovation, and create measurable business value

TECHNICAL SKILLS

- **Programming** - JavaScript, TypeScript, Python, Java
- **Frontend -** React.js, Next.js, Angular, HTML, CSS, Tailwind
- **Backend** - Node.js, Express.js, RESTful APIs
- **Databases & Backend**: MongoDB, RESTful APIs, MongoDB, Firebase
- **DevOps & Tools:** Git, GitHub, Docker, Postman, Figma, Jira
- **Other Skills**: Product Development, AI Integration, Problem Solving, Client Communication

PROFESSIONAL EXPERIENCE

Software Engineer - Inceptio Systems, Dubai| Oct 2024 - Present

- Developed and scaled enterprise-grade web applications using React.js, Node.js, MongoDB, and AI powered features (e.g., personalization, automation) to enhance user experience and business efficiency.
- Improved application performance by 30% through advanced code optimization, efficient database queries, and smart caching strategies.
- Maintained 99.9% application uptime by proactively monitoring systems, identifying bottlenecks, and resolving critical issues before escalation.
- Collaborated cross-functionally with UI/UX designers, QA teams, and business stakeholders in an Agile environment to ensure timely, AI-enriched, and user-centric product delivery.

Full Stack Developer - Threeoh.io, Mumbai | Sept 2023 - Sept 2024

- Built and optimized responsive features using React, Angular, and Node.js, resulting in a 25% improvement in load times and 30% better user engagement across devices.
- Identified and resolved cross-browser performance issues, achieving 99.9% compatibility and a 15% reduction in bounce rates.
- Implemented real-time data updates, improving user interaction speed by 40%, and contributed to Web 3.0 integration to future-proof the platform.
- Led API integration efforts and enhanced documentation, which cut onboarding time for new developers by 50% and ensured smooth frontend-backend communication.

Software Support Engineer - Startologic, Mumbai | Jan 2023 - July 2023

- Tested and validated facial recognition modules under varying lighting and angle conditions to ensure accuracy, robustness, and security against spoofing threats.
- Authored detailed test cases and reported critical vulnerabilities, enhancing both software reliability and cybersecurity posture, resulting in a 25% reduction in post-deployment issues.
- Contributed to QA and UAT cycles, ensuring the system met security compliance standards and was ready for secure client delivery.
- Supported deployment and developed secure documentation to facilitate safe client-side integration and reduce implementation risks.

Software Developer Developer (Project-Based)
Rashtriya Ispat Nigam Ltd, Visakhapatnam | Jun 2022 – Aug 2022

- Developed a complaint management portal serving 35,000+ employees, streamlining issue tracking and resolution across the organization.
- Implemented secure login and role-based access control using Node.js, ensuring data privacy and appropriate access levels for all users.
- Enabled automated email alerts to notify stakeholders of ticket updates, significantly reducing response and resolution time.

PROJECTS

AI-Powered Marketing Platform | React, JavaScript, Firebase, OpenAI API

- Developed an AI-driven marketing platform using JavaScript that automated the creation of over 1,000 brand-specific captions, posts, and creatives monthly, solving the bottleneck of slow manual content generation and accelerating campaign launches.
- Designed and implemented smart content calendar and scheduling features, addressing the chaos in campaign management by improving planning efficiency by 40%, enabling marketing teams to execute multiple campaigns smoothly and on time.
- Built customizable brand tone and style settings to solve inconsistent messaging challenges, allowing agencies to deliver consistent, personalized marketing solutions to over 50 clients, thereby enhancing brand integrity and client satisfaction.

Digital Menu for Hotels | React, Node.js, MongoDB , JavaScript

- Delivered a contactless Digital Menu Solution allowing customers to scan QR codes, access detailed food information including calories, and place orders seamlessly, solving hygiene concerns and improving ordering convenience.
- Developed an intuitive admin panel for real-time addition, editing, and management of menu items, addressing the challenge of slow menu updates and enabling restaurants to maintain accurate offerings effortlessly.
- Integrated an Augmented Reality (AR) feature to showcase 3D food models, enhancing customer engagement and helping diners make more informed decisions, thereby boosting order confidence and satisfaction.

Eatomind – AI-Based Food Delivery App | React Native, Node.js, MongoDB, OpenAI API

- Addressed food waste and unhealthy eating habits by developing an AI-powered delivery app that offers smart meal suggestions, calorie tracking, and promotes eco-friendly vendor options to encourage healthier, sustainable choices.
- Focused on building strong local partnerships and sustainable food logistics, reducing carbon footprint and supporting community vendors, thereby creating a more responsible and environmentally conscious food delivery ecosystem.

More projects and detailed case studies available at: www.adityakale.site

CERTIFICATIONS

- **IBM Certified Project Manager**
- **IBM Certified Generative AI Engineer**
- **IBM Python for Data Science and AI**
- **Google Cloud Big Data & Machine Learning**
- **ExploroBot: A Versatile Robotic Explorer - Article Link - Certificate Link**
- **RecFaces - Facial Recognation System**

EDUCATION

- **Bachelor of Engineering – Computer Engineering in Artificial Intellgience & Machiine Learning**
  Vishwaniketan Institute of Engineering Technology, Mumbai University
  2020 – 2024 | CGPA: 8.36 / 10

- **Higher Secondary Certificate (HSC)**
  Nav Krishna Valley Junior College
  2018 – 2020 | Score: 76%