

AKSHAY ADATE

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SUMMARY

Proficient Software Engineer with 5+ years of experience building scalable, cloud-native, event-driven web platforms using Next.js, TypeScript, React, Node.js, GraphQL, and AWS.

Strong background in microservices architecture, reusable component libraries (Atomic Design), NoSQL systems, and performance-driven frontend development. Proven ownership from architecture design to production delivery in high-scale, consumer-facing platforms.

Experienced in GraphQL (Apollo), AWS cloud services, event-based systems, and secure, high-availability applications. Passionate about creating exceptional user experiences and contributing to global-scale products

Skills

Skills & Technologies

- Backend Development: Node.js, Express.js, Python, REST APIs, Microservices, GraphQL (Apollo) Frontend
 - Development: NextJS, React, Angular, JavaScript, TypeScript, HTML, CSS Generative AI & NLP: LLMs, RAG,
 - Agentic AI, Prompt Engineering, NLP.
 - Conversational AI: Dialogflow ES/CX, Microsoft Language Studio, IBM Watson, Twilio, Contact Center AI
 - Cloud & DevOps: AWS, Azure Functions, GCP, CI/CD, GitOps
 - Observability: Logging, Monitoring, Alerts, Power BI Dashboards
 - Databases: VectorDB, MongoDB, PostgreSQL, Firestore, NoSQL
 - Tools & Frameworks: Docker, Git, VS Code, Postman, Service Now, Jira
 - Soft Skills: Agile Delivery, Client Collaboration, Mentoring, Code Reviews, Requirements Analysis Certifications
 - Prompt Engineering Certificate
 - Generative AI Fundamentals Certificate
 - AWS Bedrock Certificate
 - Docker Foundation Professional Certificate
 - Contact Center AI Specialization
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WORK EXPERIENCE

- Eli Lilly - Fullstack Engineer April 2023 - Present
Bangalore, India
- Developed cloud-native microservices using Node.js, TypeScript, AWS Lambda, and Azure Functions, supporting scalable, event-driven enterprise platforms.
 - Built and enhanced modern frontend applications using Next.js and React, focusing on performance, modularity, and reusable component design.
 - Designed API layers using REST and GraphQL patterns, enabling efficient frontend-backend communication. Applied event-driven and asynchronous processing to improve system scalability and operational reliability.
 - Took ownership of solution architecture, improving performance, security, and scalability across services. Implemented CI/CD pipelines, observability (logging, monitoring, alerts), and automated deployments. Collaborated closely with product owners, architects, and cross-functional teams to drive features from inception to delivery.
 - Impact Highlights:
 - Improved platform reliability through real-time observability + automated recovery workflows.
 - Reduced deployment time by 40% through CI/CD and infrastructure automation.
 - Delivered scalable AI & conversational automation solutions across web, and enterprise systems.
- IBM - AI Engineer May 2022 - March 2023
Mumbai, India

- Built AI automation workflows using Python, Node.js, and IBM Watson, improving process efficiency and conversational intelligence across enterprise use cases.
- Integrated Genesys, Twilio, and cloud APIs to deliver multichannel chatbot/voicebot solutions, enabling scalable customer interactions across IVR, web, and messaging platforms.
- Collaborated with cross-functional teams to align system architecture with business requirements, ensuring quality, reliability, and maintainability.

Impact Highlights:

- Improved automation speed and accuracy for enterprise workflows.
- Reduced system latency and enhanced performance for customer-facing AI journeys. Delivered multilingual IVR & AI solutions used by large enterprise clients.

Quantiphi- Conversational AI Engineer
Mumbai, India

Jan 2020 - May 2022

- Designed and deployed large-scale Conversational AI solutions for government and enterprise clients using Dialogflow ES & CX, with a focus on NLP accuracy, scalable architectures, and multilingual support. Implemented knowledge connectors, dynamic FAQ systems, fallback strategies, and advanced conversation flows to improve end-user experience and automation coverage.
- Built real-time integrations using webhook-based orchestration, enabling seamless connectivity with backend systems and public services.
- Developed scalable web applications using Angular, Node.js, and Firestore, supporting high user traffic and secure data handling.
- Led sprint planning, developer mentoring, code reviews, and delivery quality to ensure stable, maintainable solutions across cross-functional teams.

Impact Highlights:

- Enabled platform scalability for millions of users, supporting nationwide services.
- Delivered multilingual conversational experiences, significantly improving accessibility and reach.
- Improved response accuracy and consistency through optimized NLP workflows and dynamic data integration.

EDUCATION

Master of Computer Applications Pune
University, Pune, India

Bachelor of Science – Information
Technology (BSc. IT)
Mumbai University, Mumbai, India Aug
2017 - May 2020

July 2013 - May 2017