

# VARAPRASAD RASURI

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## PROFESSIONAL SUMMARY

- Results-driven Technical Architect with around 14 years of experience designing and delivering scalable web, cloud, and AI-powered applications.
- Proven expertise in AWS Cloud Architecture, Full Stack Engineering, Microservices, React, Node.js, and Generative AI solutions.
- Architected AI platforms featuring CLI applications, VS Code Extensions, Model Context Protocol (MCP) integrations, Cursor Rules, Cursor Skills, AI-assisted validation workflows, and developer productivity tooling.
- Designed and developed conversational AI assistants (AI Bots) leveraging LLMs, RAG patterns, and intelligent workflow automation.
- Track record of leading engineering teams, defining technical strategy, building cloud-native solutions, and delivering secure, high-performance systems that drive business value and developer efficiency.

## WORK EXPERIENCE

### Technical Architect / Sr. Team Lead - Technical

*iSpace Software Solutions India Pvt Ltd — Hyderabad, Telangana, India*

July 2020 – Present

- Spike: **Git Change Validator** (POC): Designed and developed an AI-powered validation platform comparing JIRA requirements against Git branch changes to identify implementation gaps and delivery risks; built with CLI architecture, MCP integration, Cursor Rules/Skills, GitLab CI/CD automation, and a VS Code Extension for developer workflows. Presented architecture and AI-assisted workflows in an internal office knowledge-sharing session.
- Led a team of engineers to develop KF Advance, an enterprise career services platform for Korn Ferry, serving 10,000+ users across multiple business workflows.
- Architected and delivered the full-stack solution using React, TypeScript, Redux, Node.js, Express, PostgreSQL, and MongoDB, establishing scalable and reusable application patterns.
- Built a reusable React component library and centralized state management framework, improving development consistency and accelerating feature delivery.
- Integrated OpenAI/GenAI capabilities to support candidate assessment workflows and enhance automation across the platform.
- Connected Smartsheet APIs to automate reporting, data synchronization, and operational processes, reducing manual effort and improving data visibility.
- Optimized frontend performance through lazy loading, code splitting, and efficient state management to improve application responsiveness and user experience.
- Containerized services using Docker and managed AWS deployments with CI/CD pipelines, ensuring reliable releases and operational scalability.

## **Principal Consultant**

***MOURI Tech Pvt Ltd — Hyderabad, Telangana, India***

February 2019 – March 2020

- Developed a React-based Single Page Application (SPA) for Equinox, delivering membership management, booking, and analytics features for a premium fitness platform with locations across multiple regions.
- Built reusable UI components using React, Redux, and TypeScript, and integrated Highcharts to provide interactive dashboards and data visualizations for business insights.
- Implemented comprehensive unit testing with Jest and collaborated with cross-functional teams in an Agile environment to deliver scalable, high-quality frontend solutions integrated with .NET, Java, and Python backend services.

## **Senior Consultant / Senior Software Engineer**

***LogicProg — Hyderabad, Telangana, India***

January 2014 – November 2018

- Developed the React frontend and Node.js REST APIs for Lavu ToGo, an online food ordering platform, implementing real-time order tracking and scalable ordering workflows using WebSockets.
- Designed and built CPK, a web-based storage configuration and visualization tool using React, Redux, Highcharts, and Node.js, enabling users to analyze and configure complex storage environments.
- Architected backend services and data models for enterprise applications using Node.js, MongoDB, and cloud technologies; integrated third-party services including AWS S3, Stripe, and Mailgun.
- Managed AWS-based application deployments across multiple environments, streamlining release processes and improving operational efficiency.
- Enhanced ordering and customer management workflows for telecommunications and e-commerce platforms using React, Angular, and Node.js.
- Developed secure web and mobile applications using Angular, TypeScript, IBM Worklight, PhoneGap, and Bootstrap for banking, HR, and enterprise management solutions.
- Collaborated with cross-functional teams throughout the SDLC, including requirements gathering, architecture design, code reviews, testing, deployment, and production support.

## **Software Engineer**

***Delta Technology — Hyderabad, Telangana, India***

December 2012 – November 2013

- Developed the SafetyChain Mobile Android application for food safety, quality management, and HACCP/GFSI compliance using Android SDK, PhoneGap, and jQuery Mobile.
- Built mobile workflows for inspections, audits, and compliance tracking, enabling field teams to capture and manage quality data in real time.
- Automated quality assessment and reporting processes, improving audit efficiency and streamlining compliance operations for enterprise customers.

## EDUCATION

### Master of Technology (M. Tech) in Computer Science & Engineering

*Jawaharlal Nehru Technological University Kakinada (JNTUK) — Kakinada, Andhra Pradesh, India*

Graduated: June 2012 | CGPA: 7.0 / 10.0

### Master in Computer Applications (MCA)

*Osmania University — Hyderabad, Telangana, India*

Graduated: June 2007 | CGPA: 7.2 / 10.0

## SKILLS

- **Technical:** JavaScript, TypeScript, Java (Core/Advanced), Python, HTML5, CSS3, React, Redux, React Hooks, Node.js, Express.js, Angular 2+/1.x, Backbone.js, jQuery, AJAX, RESTful APIs, GraphQL, Android SDK, Tailwind CSS, Bootstrap, Material UI, Sass/LESS
- **Tools & Platforms:** Docker, CI/CD, Kubernetes, Redis, MQTT, WebSockets, OpenAI SDK, GenAI SDK, PhoneGap/Cordova, IBM Worklight, Smartsheet API, Git, Jira, Postman, Highcharts
- **AWS Services:** Cognito, Secrets Manager, API Gateway, Lambda, CloudWatch, EC2, SQS, SNS, EventBridge, Step Functions, Aurora, RDS, ElastiCache, S3, CloudTrail, Billing and Cost Management
- **Databases:** MongoDB, PostgreSQL, MySQL, SQLite
- **Methodologies:** Microservices Architecture, JWT/OAuth Authentication, Agile/Scrum, Test-Driven Development, Software Development Life Cycle (SDLC)

## PROJECTS & CERTIFICATIONS

- **Git Change Validator (POC):** Designed and developed an AI-powered validation platform comparing JIRA requirements against Git branch changes to identify implementation gaps and delivery risks; built with CLI architecture, MCP integration, Cursor Rules/Skills, GitLab CI/CD automation, and a VS Code Extension for developer workflows. Presented architecture and AI-assisted workflows in an internal office knowledge-sharing session.
- **KF Advance:** Led development of an enterprise career services platform for 10,000+ users using React, TypeScript, Node.js, PostgreSQL, and MongoDB; built reusable component libraries and integrated Smartsheet APIs to automate reporting; managed deployments via Docker and AWS.
- **Equinox.com:** Developed a high-performance React SPA for luxury fitness platform delivering membership management, booking, and analytics features; built interactive dashboards with Highcharts and implemented unit testing with Jest.
- **Lavu ToGo:** Developed scalable Node.js REST APIs and a React web application for an online food ordering platform; implemented real-time order tracking using WebSockets, improving order visibility and customer experience.
- **Sun Certified Java Programmer (SCJP)** — Oracle Corporation — 2006

## PERSONAL PROJECTS

- **Jaldi Khana** ([gitlab.com/varaprasad-rasuri/jaldi-khana](https://gitlab.com/varaprasad-rasuri/jaldi-khana)): AI-powered food discovery and recipe generation platform suggesting recipes based on available ingredients; supports multiple cuisines, dietary preferences, health filters, ingredient scanning, and recipe export.
- **AI Signal** ([gitlab.com/varaprasad-rasuri/ai-signal](https://gitlab.com/varaprasad-rasuri/ai-signal)): AI news intelligence platform that aggregates, categorizes, and ranks the latest AI developments for builders and technology professionals with real-time updates and signal scoring.
- **AI Developer Radar** ([gitlab.com/varaprasad-rasuri/ai-developer-radar](https://gitlab.com/varaprasad-rasuri/ai-developer-radar)): Developer-focused intelligence platform tracking AI frameworks, libraries, tools, and ecosystem trends to help engineers discover emerging technologies and compare solutions.
- **Community Hub** ([gitlab.com/varaprasad-rasuri/community-hub](https://gitlab.com/varaprasad-rasuri/community-hub)): Community engagement platform connecting builders, developers, and learners through events, announcements, discussions, role-based access, and real-time interactions.
- **MCP Dashboard** ([gitlab.com/varaprasad-rasuri/mcp-dashboard](https://gitlab.com/varaprasad-rasuri/mcp-dashboard)): Unified AI operations dashboard for managing multiple AI providers and workflows, enabling model monitoring, usage tracking, provider switching, and centralized AI governance using MCP concepts.
- **Lumina Stack** ([gitlab.com/varaprasad-rasuri/lumina-stack](https://gitlab.com/varaprasad-rasuri/lumina-stack)): Modern web application starter platform providing reusable architecture patterns, developer tooling, and best practices for building production-ready applications with AI integration.
- **Tech Meme Engine** ([gitlab.com/varaprasad-rasuri/tech-meme-engine](https://gitlab.com/varaprasad-rasuri/tech-meme-engine)): AI-powered content generation platform creating technology-focused memes and developer-oriented humorous content with community-driven engagement features.
- **Rejected AI Claims** ([gitlab.com/varaprasad-rasuri/rejected-ai-claim](https://gitlab.com/varaprasad-rasuri/rejected-ai-claim)): Insurance claim simulation platform demonstrating rule-based and AI-assisted decision-making with an emphasis on transparency, explainability, and decision-path visualization.
- **OpsPulse AI** ([gitlab.com/varaprasad-rasuri/opspulse-ai](https://gitlab.com/varaprasad-rasuri/opspulse-ai)): AI-driven DevOps incident intelligence platform for GitLab teams that monitors CI/CD failures, tracks recovery workflows, automates issue management, and provides proactive operational notifications.