Venkatesh G

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SUMMARY

Results-oriented Software Engineer with 6+ years of experience building scalable, cloud-native, and event-driven architectures. Skilled in MEAN/MERN stacks, microservices, serverless computing, and caching strategies. Proficient in Node.js, Golang, React, Elasticsearch, Redis, Docker, Kubernetes, and AWS. Strong advocate for performance optimization, CI/CD pipelines, and CDN integration (Cloudflare, Fastly). Passionate about high-performance systems, developer productivity, and mentoring teams.

TECHNICAL SKILLS

Programming & Full-Stack Development:

- **Languages:** TypeScript, JavaScript, Golang, Lua

- **Frameworks & Libraries:** Node.js, React, Express, NestJS, Apollo GraphQL

- **API Development:** RESTful APIs and GraphQL

Cloud & DevOps:

- **Cloud Platforms:** AWS (Lambda, EC2, S3, CloudFront, Cloudwatch)

- **Containerization & Orchestration:** Docker, Kubernetes, Helm

- **Infrastructure as Code (IaC):** Terraform, AWS, GoCD

- **CI/CD & Automation:** GoCD, ArgoCD, GitHub Actions

- **CDNs & Performance Optimization:** Cloudflare, Fastly, Redis, Nginx

AI & Machine Learning:

- **Generative AI & RAG Models:** ChatGPT, Gemini, Ollama

- **AI Integrations:** AI-driven chatbots

Testing & Quality Assurance:

- **Testing Frameworks:** Mocha, Jest, Playwright

- **Best Practices:** Test-Driven Development (TDD), Unit, Integration & End-to-End Testing

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SOFT SKILLS & LEADERSHIP ABILITIES

Cross-Team Collaboration: Work closely with engineering, product, and business teams to align technical solutions with strategic goals.

Technical Leadership & Mentorship: Passionate about mentoring junior engineers, conducting code reviews, and leading engineering best practices.

Communication & Stakeholder Engagement: Adept at simplifying complex technical concepts for non-technical teams, leadership, and customers.

Problem-Solving & Innovation: Skilled in identifying system bottlenecks, optimizing workflows, and implementing high-impact solutions.

WORK EXPERIENCE

Software Engineer II → Software Engineer I

Contentstack | Sep 2021 – Present

- Promoted to **Software Engineer II** (March 2023 – Present):
  - Engineered a scalable front-end hosting platform powering 47+ production websites, handling ~300M requests per month and ensuring **99.99%** uptime.
  - Developed a unique **cache priming feature** that preloads critical content, reducing load times and improving user experience.
  - Optimized **caching strategies**, increasing cache hit ratio by 90%, cutting infrastructure costs, and enhancing content delivery speed.
  - Led **OpenTelemetry** integration with a custom collector for real-time logging in Elasticsearch.
- **Software Engineer I** (Sep 2021 – March 2023):
  - Core developer of Launch, a hosting solution supporting **AWS**, **GCP**, and **Azure**.
  - Contributed to **CI/CD** automation using **GoCD** and managed cloud deployments with Kubernetes.
  - Collaborated closely with cross-functional teams to deliver scalable features and **reduce deployment time**

Senior Software Engineer → Software Engineer

Zibtek | May 2020 – Sep 2021

- Promoted to **Senior Software Engineer** (Oct 2020 – Sep 2021):
  - Developed **CRM solutions** using React, Node.js, and MongoDB.
  - Built a LinkedIn scraping **Chrome extension** integrated with CRM.
  - Automated document workflows via DocuSign and Twilio for "**Atomic Forms**".
- **Software Engineer** (June 2019 – Oct 2020):
  - Contributed to **OnCourse** (sales engagement platform) using Angular, Node.js, MongoDB
  - Developed **RealKit**, an end-to-end property listing platform enabling user registration, photographer scheduling, media uploads, and admin role management.

Fellowship Engineer

Bridgelabz | Jan 2019 – May 2019

- Developed "**Fundoo Notes**," a Google Keep clone with React.js and Node.js

EDUCATION

Bachelor of Engineering

Impact College of Engineering & Applied Sciences (VTU), 2013 – 2018

PERSONAL INTERESTS

Tech enthusiast with a love for science and lifelong learning. Passionate about exploring new cuisines, traveling, and spending time with friends.