VENKATESH **MEDISETTI**

Lead. Software Engineer

OBJECTIVE

Aspiring Full Stack Developer specializing in scalable back-end solutions with Python, PHP, and Node.js, integrating LLMs, intelligent data processing, and cloud-native architectures.

CONTACT DETAILS

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EDUCATION

B.Tech. in Computer Science from
VSM College of Engineering, Andhra Pradesh
| 2018

Diploma in Computer Engineering from
Aditya Engineering College, Andhra Pradesh
| 2014

Matriculation from
The New Cambridge High School,
Andhra Pradesh
| 2011

CORE COMPETENCIES

- LLM-based Automation (GPT, OpenAI API
- Generative AI
- Cloud Computing & DevOps (CI/CD)
- AI-Powered Data Processing & NLP for Data Insights
- Microservices Architecture & System Design
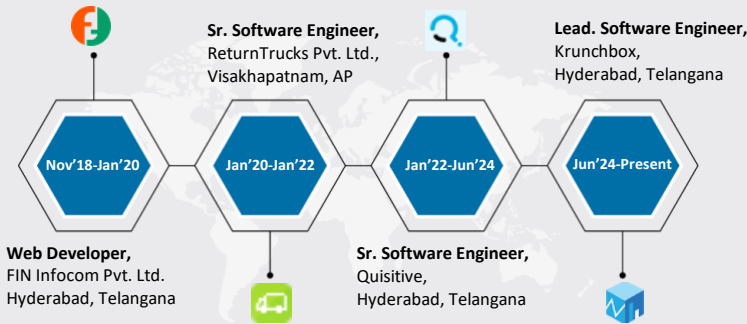- Query & Web Performance Optimization
- Payment Gateway Integration
- Scalability & High-Availability Systems

PROFILE SUMMARY

- **Certified Kubernetes Application Developer (CKAD), and Azure Developer Associate (AZ-204)** professional with **over 6 years** of experience in **Full Stack and Back-end Development**.
- Expertise in **AI-driven automation, LLM-based solutions**, cloud-native architectures, and **scalable microservices** for intelligent data processing and system optimization.
- **Lead Software Engineer at Krunchbox**, Hyderabad, designing scalable back-end systems with 99.9% uptime and seamless front-end integration.
- Implemented AI-powered file aggregation and **metadata extraction using OpenAI,** improving data **processing efficiency by 30%.**
- **AI-Driven Automation:** Implemented **OpenAI-powered solutions** for file aggregation and metadata extraction, optimizing document management workflows.
- **Conversational AI & NLP:** Experience working with **LLMs (Large Language Models) like OpenAI GPT** for intelligent **data processing** and automation.
- **AI Integration in Backend Systems:** Developed API-driven solutions integrating OpenAI models to enhance document classification, metadata retrieval, and structured data extraction
- Proficient in **PHP, Node.js, MySQL, MongoDB, React,** and **Vue,** with expertise in developing **RESTful APIs,** integrating **third-party services** (SMS, OTP, social media, payment gateways, chatbots), and using **Google APIs.**
- Strong knowledge of **OOP principles (MVC, SOLID), cloud platforms (AWS, Azure)** and building **scalable systems** with **logging, automated services (Twilio, Amazon SES),** and **DB architecture.**
- Skilled in **container orchestration**, real-time applications, and **DevOps pipelines**, leveraging expertise in **Kubernetes, Docker** and **CI/CD** to build scalable, high-performance software.

CAREER TIMELINE

Sr. Software Engineer,
ReturnTrucks Pvt. Ltd.,
Visakhapatnam, AP

Lead. Software Engineer,
Krunchbox,
Hyderabad, Telangana

| Nov'18-Jan'20 | Jan'20-Jan'22 | Jan'22-Jun'24 | Jun'24-Present |

Web Developer,
FIN Infocom Pvt. Ltd.
Hyderabad, Telangana

Sr. Software Engineer,
Quisitive,
Hyderabad, Telangana

CERTIFICATIONS

Certified Kubernetes Application Developer (CKAD)
- Linux Foundation

Azure Developer Associate (AZ-204)
– Microsoft

Kubernetes for Developers (LFD259)
– Linux Foundation

WORK EXPERIENCE

Lead. Software Engineer

Krunchbox | Hyderabad, Telangana   **Jun'24 - Present**

Key Result Areas:

- Developed an **AI-driven** file aggregation system **using OpenAI API**, automating metadata extraction, content summarization, and **reducing manual effort by 30%.**
- Integrated **LLM-based automation** in backend workflows, optimizing **data processing**, structured/unstructured data categorization, and **prompt engineering** for efficient retrieval.
- Building scalable back-end solutions with Python, FastAPI and Django, creating APIs that work seamlessly with **React and Next.js** front-ends.

Highlights:
- Optimized **prompt engineering** for efficient data retrieval and contextual insights while enhancing **system design** for high availability, seamless integration, and **reduced API response time**.
- Optimized user experience and enhance security by with Next.js, increasing page load **speed by 30%,** supporting a user base of **1M+.**
- Led system design for high availability, **Reduced API response time** & seamless **service integration**.
- Driving scalable and **efficient** software solutions with expertise in **cloud computing**, **microservices**, **event-driven architecture** and solution design.

Sr. Software Engineer

Quisitive | Hyderabad, Telangana   Jan'22 – Jun'24

Key Result Areas:
- Led back-end development with Python and Flask, delivering robust and scalable applications.
- Managed Azure container deployments and ADO pipeline processes to ensure seamless cloud application integration and **deployment**.
- **Leveraged Docker** for containerizing **Node.js** projects, maintaining consistency across development, testing, and production stages.
- Contributed to UI development with **Vue.js** and **React.js**, creating dynamic and responsive interfaces.

Highlights:
- **Reduced** manual processing time through WhatsApp Web API **automation** with Node.js and PM2, freeing resources for strategic initiatives.
- Won the **2023 Hackathon prize** for innovative solutions, showcasing creativity and technical skills.

Sr. Software Engineer

ReturnTrucks Pvt. Ltd. | Visakhapatnam, Andhra Pradesh   Jan'20 – Jan'22

Key Result Areas:
- Developed and maintained web applications using JavaScript, jQuery, and Bootstrap 4, ensuring a consistent user experience across platforms.
- Developed and Spearheaded back-end applications using PHP CodeIgniter, enhancing application load speed by 20% while maintaining security measures that reduced vulnerabilities identified during quarterly audits.
- Assisted in deploying applications with Docker, ensuring consistent environments across development and production.

Highlights:
- **Refined MySQL queries,** reducing data retrieval times and improving overall performance.

Web Developer

FIN Infocom Pvt. Ltd. | Hyderabad, Telangana   Nov'18 – Jan'20

Key Result Areas:
- Improved web application performance by implementing CodeIgniter (**HMVC**) and MySQL, optimizing data management and user interactions.
- Collaborated with **Design Teams** to create visually appealing, **user-friendly interfaces** aligned with client branding and usability standards.
- Conducted regular code reviews, offering constructive feedback to peers and fostering a culture of continuous improvement.

Highlights:
- Enhanced global **payment processing by 25%** through the **integration of multiple gateways**, improving user experience.
- Integrated international payment gateways, including PayPal Express Checkout, PayPal Credit (UK), RealEx Global Payments, GoCardless, and **Stripe**, enabling seamless transactions for global users.

📁 ORGANISATIONAL PROJECTS

- **B2W Software** – USA | trimble.com
- **SPARSS** – India | spars.com/pwa
- **Pluvia** – Australia | pluvia.com.au
- **Prometheus8** – USA | prometheus8.com
- **eTrucknow** – Global | tms.etrucknow.com
- **Placement Cell** – India | placementscell.com
- **Canada Jobs** – Canada | canada-jobs.com
- **Central Jobs CRM** – Global | jobsites.chevronne.com
- **EposHybrid** – UK | eposhybrid.com
- **Fininfocom** – India | fininfocom.com
- **Melbourne City College** – Australia | melbournecitycollege.edu.au
- **Himalyan Public School** – India | himalyanpublicschool.in
- **Stop the Commute** – UK | stopthecommute.co.uk