

# Vinuth Kalmidi

Software Engineer | +1 315-455-0180

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## SUMMARY

Software Engineer with 3+ years of experience building **full-stack** and **cloud-based systems**, with a strong focus on scalable services, **AI-driven features**, and high-quality user experiences. Skilled in **React**, **Node.js**, **Python**, and distributed backend APIs, with hands-on experience in **Azure/GCP**, **Docker**, and **microservice architectures**. Passionate about leveraging AI to improve engineering velocity, designing reliable cloud services, and creating intelligent, intuitive experiences that help users.

## EXPERIENCE

- Software Engineer** Jun '25 — Present  
Syracuse University United States
- Engineered an **AI-powered job application platform** to automate resume parsing, job scraping, and tailored document generation, streamlining the end-to-end application process.
  - Architected scalable **Python (Flask/FastAPI) APIs** using **GraphQL and REST**, enabling efficient data flow and intelligent job matching aligned with user profiles.
  - Implemented **OpenAI GPT models** to automatically generate personalized resumes and cover letters, enhancing user experience and minimizing manual effort.
- Software Engineer** Aug '21 — Jul '23  
BYJU'S
- Designed and enhanced** scalable **loan management systems** with **React.js, Node.js, Express, and microservices**, improving onboarding workflows and backend performance across client platforms.
  - Constructed** an automated **loan approval (Green Channel)** and **job distribution system** using **Node.js, MongoDB, and RESTful APIs**, cutting processing time by **25%** and increasing efficiency by **20%**.
  - Directed** backend implementation of **RESTful APIs and microservices**, partnering with cross-functional teams to elevate responsiveness and infrastructure reliability.
  - Deployed** secure, production-grade **financial APIs** for foreclosure and recovery workflows using **Node.js, Express, and PostgreSQL**, reinforcing compliance and ensuring data integrity.
- Software Developer** Jun '21 — Jun '21  
TechCiti Technologies Private Limited
- Engineered** a **full-stack web application** using **React.js and Node.js (Express)**, collaborating with cross-functional teams to deliver features efficiently through agile development cycles.
  - Crafted** responsive **UI components** with **React.js and Bootstrap**, while implementing backend services with **Node.js, Express, and MongoDB** to ensure **seamless data flow** across **web and mobile platforms** on **GCP and Azure**.
  - Orchestrated** scalable **RESTful APIs and MongoDB schemas**, establishing **CI/CD pipelines** with **GitHub Actions** to **automate deployments** and improve release consistency across teams.

## SKILLS

**Programming Languages :** JavaScript, TypeScript, Python, C++, Java, Go, C

**Frontend Development :** React.js, Redux, HTML, CSS, Bootstrap, REST APIs, Tailwind css, Figma

**Backend Development :** Node.js, Express.js, RESTful APIs, Microservices, API Integrations, Automation, Spring Boot

**Database & Cloud :** MongoDB, PostgreSQL, MySQL, SQL, AWS, Google Cloud

**Tools & Technologies :** Docker, Git, CI/CD, Github action, Postman, Apache Kafka, Apache Airflow

**Relevant Skills :** Web Development, Agile, Infrastructure, CI/CD, Batch Jobs

## EDUCATION

**Master's in Computer Engineering**, Syracuse University Aug '23 — May '25

## TECHNICAL PROJECTS

- AI-Powered Job Application Tool** Jun '25 — Present
- Developed **frontend** dashboards and **integrated APIs** for an **AI-driven platform** that parses resumes, matches jobs, and **auto-generates tailored applications using LLMs**, improving accuracy and efficiency.
- IoT-Based Smart Parking System** Jan '25 — May '25
- Engineered Python + SQL backends** with **AWS IoT Core** and **Dockerized deployments**, enabling **real-time parking analytics** and optimized resource utilization.
- TechNERD** Sep '24 — Dec '24
- Implemented a React-based interface** and **Spark-powered NLP pipeline** to analyze community engagement data, achieving **high accuracy** in predictive performance models.