

Guruprasad Venkatraman

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Full-Stack Development | Software Engineering | AI Integration | Cloud Architecture | Modern Development

Professional Summary:

Software engineer with extensive experience in full-stack development, AI integration, and cloud architecture. Skilled in developing scalable applications using modern frameworks and technologies. Adept at implementing AI-driven solutions and adapting to evolving development practices. Experienced in cross-functional collaboration to deliver high-quality software products that meet business requirements.

Skills:

- AI & ML Integration
- Cloud Architecture
- Full-Stack Development
- Microservices Design
- System Architecture
- Agile Development
- CI/CD Implementation
- Test-Driven Development
- Vector Databases
- LLM Orchestration
- Prompt Engineering
- Model Context Protocol

Professional Experience:

Software Analyst | Nomura, Cleveland, OH | 04/2024 - Present

- Contribute to AI-driven projects by developing backend microservices and supporting cloud integrations.
- Participate in internal AI platform development, working on machine learning model integrations and deployment.
- Implement and optimize data processing pipelines for AI model training and evaluation.

- Integrate authentication and SSO solutions into enterprise applications.
- Collaborate with cross-functional teams to design and implement scalable software solutions.
- Technology Used: Python, AWS services, Spring Boot, React.js, Docker, Kubernetes.

Software Engineer | Hinckley Medical, Cleveland, OH | 01/2024 - 04/2024

- Developed healthcare applications focusing on patient data management and analysis.
- Implemented secure data handling practices compliant with healthcare regulations.
- Collaborated with medical professionals to translate requirements into technical specifications.
- Optimized database queries and application performance for improved user experience.
- Technology Used: Java, Spring Boot, PostgreSQL, React, AWS, Docker.

Education:

- Master's degree, Computer Science, Cleveland State University, Cleveland, OH | 01/2022 - 05/2023 | GPA: 3.8
- Bachelor of Engineering, Electrical, Electronics and Communications Engineering, Anand Institute Of High Technology, Coimbatore, India | 08/2018 - 05/2021 | B.Tech

Technical Skills:

- **Languages:** JavaScript, TypeScript, Python, Java, C, C++
- **Frameworks:** React, React Native, Node.js, Express, Spring Boot, Next.js
- **Cloud & DevOps:** AWS, Docker, Kubernetes, Jenkins, GitHub Actions
- **AI & ML:** TensorFlow, PyTorch, Hugging Face, LangChain, Vector Databases, RAG
- **Database:** MongoDB, PostgreSQL, MySQL, Redis, Firebase
- **Tools:** Git, Jira, Confluence, VS Code, IntelliJ, Postman