

# Hemanth Kukalakuntla

## Software Developer

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### SUMMARY

Experienced Software Developer with over 4 years of hands-on experience in designing, developing, and maintaining software applications. Demonstrates a history of delivering high-quality solutions that meet client requirements and enhance user experience. Proficient in many programming languages, including Java, Python, and JavaScript, with a strong focus on scalable and efficient code. Exhibits expertise in Agile methodologies, contributing to successful project deliveries with a 95% on-time completion rate.

### TECHNICAL SKILLS

- Programming Languages:** Java, C#, .NET, Python, C/C++, Go Lang
- Web Development:** HTML5, CSS, XML, JavaScript, TypeScript, Node.js, Angular, React.js, Flask
- Database Management:** SQL, MS-SQL, MySQL, Oracle database, SQL Server
- Cloud Platforms & DevOps:** IBM Cloud, Azure DevOps, AWS, Google Cloud Platform, Docker, Kubernetes, CircleCI/CD, Jenkins, Airflow
- Frameworks & Libraries:** Spring Boot, REST, Selenium, JUnit, UML, Jira
- Data Management & Analysis:** Data Modeling, Data Cleaning, Data Prediction
- Operating Systems & Tools:** Linux
- Software Development Methodologies:** Waterfall, Agile (Scrum)
- Software Design & Development Principles:** SOLID Principles, Design Patterns
- Documentation & Version Control:** Systems Documentation, Git
- Networking & Monitoring Tools:** Wireshark, Zipkin

### PROFESSIONAL EXPERIENCE

Saint Louis University  
Global Grad SLU Intern

February 2024 – Present

United States

- Orchestrated Scrum ceremonies to facilitate project alignment and sprint planning, ensuring team cohesion and timely deliverables.
- Engineered Java applications using Spring Boot, optimizing codebase to achieve a boost in application performance metrics.
- Executed SQL query optimizations, resulting in a 30% reduction in query response time and enhancing overall database efficiency.
- Installed Continuous Integration/Continuous Deployment (CI/CD) practices, reducing deployment errors by 40% and increasing deployment frequency.
- Leveraged Docker for containerization, accelerating development-to-deployment cycles and slashing server provisioning time.

Perimeter Solutions  
Team Lead Intern

May 2023 – August 2023

United States

- Spearheaded the successful deployment and integration of a new HRIS (Human Resource Information System), improving data accessibility and efficiency across departments.
- Developed and implemented machine learning models that enhanced decision-making processes, resulting in a reduction in operational costs and a 15% increase in predictive accuracy.
- Conducted comprehensive data analysis and trend assessments, translating findings into actionable insights that led to improvement in employee retention strategies.
- Automated critical processes, including employee onboarding workflows, reducing onboarding time and streamlining operations for over 100 new hires.
- Led initiatives to optimize employee onboarding procedures, resulting in an increase in new hire satisfaction scores and a 50% decrease in administrative errors.

AHEX TECHNOLOGIES  
Full Stack Software Developer

April 2019 – July 2022

- Initiated the design and implementation of a responsive user interface using React, resulting in a 30% improvement in user engagement metrics.
- Created strong back-end functionalities using Node.js and MongoDB, optimizing data retrieval times through efficient database query design.
- Led the architecture and development of RESTful APIs, enhancing application scalability and enabling seamless integration with external services.
- Managed deployment processes using Docker and Kubernetes, reducing deployment time and ensuring 99.9% uptime.

- Executed continuous integration/continuous deployment (CI/CD) pipelines, automating testing and deployment workflows, resulting in reduction in release cycle times.

## INOVARTECH

### Software Developer

January 2018 – March 2019

Hyderabad

- Designed and delivered robust software applications, resulting in a 20% improvement in overall system performance, leveraging Agile methodologies and modern software design principles.
- Conducted comprehensive code reviews, identifying and resolving critical issues, ensuring compliance with coding standards and reducing software defects.
- Collaborated closely with cross-functional teams, including product managers and designers, to translate project requirements into scalable solutions, leading to a 30% increase in on-time project delivery.
- Innovated the implementation of automated testing frameworks, resulting in a reduction in manual testing efforts and improvement in test coverage across many projects.
- Maintained detailed technical documentation and user guides, enhancing team productivity through streamlined knowledge sharing and onboarding processes.

## EDUCATION

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Master of Science in Computer Science  
Saint Louis University

May 2024