

# Manoj Saddanapu

## Full Stack Software Engineer | Software Engineer

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### SUMMARY

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Experienced Software Engineer with 3+ years in developing high-performance applications using Python, Go, and Java. Achieved a 30% reduction in response times through RESTful API development. Proficient in leveraging frameworks like React and AngularJS to boost user satisfaction. Capable at using cloud services like AWS. Docker, Kubernetes to optimize performance and security. Seeking to leverage expertise in a Full Stack Software Engineer role.

### TECHNICAL SKILLS

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- **Programming Languages:** Golang, Python, Java, C, C++
- **Web Technologies:** HTML, CSS, JavaScript, AngularJS, React, Django
- **Databases:** SQL, MySQL, PostgreSQL, MongoDB
- **Data Visualization:** Tableau, Power BI, Google Analytics
- **Frameworks and Libraries:** React.js, Django, Golang Frameworks
- **Cloud and DevOps:** Docker, Kubernetes, AWS (S3, EC2, Lambda)
- **APIs:** RESTful API, SOAP
- **Testing and Development Tools:** Unit Testing (JUnit), SQL Server Development, Git, GitHub, Postman, VS Code
- **Collaboration and Monitoring:** Slack, Monitoring
- Software Development Lifecycle (SDLC)

### PROFESSIONAL EXPERIENCE

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#### Bim IT Better

July 20XX – August 20XX

##### Software Engineer

Technologies: Python, Golang, React, AngularJS, Jenkins, Docker, Kubernetes

- Developed and implemented RESTful APIs using Golang and Python, enhancing frontend-backend integration and reducing response times.
- Engineered scalable frontend solutions with React and AngularJS, boosting user engagement and satisfaction rates by 20%.
- Accelerated development cycles with CI/CD pipelines using Jenkins and Docker, decreasing deployment times.
- Led process automation initiatives using Python, saving in operational costs and reducing task completion times by 35%.
- Optimized website performance with Golang and Python, increasing user satisfaction and conversion rates.
- Mentored junior developers through technical guidance and code reviews, improving code quality and team productivity by 20%.

#### Company Name

July 20XX – August 20XX

##### Full Stack Software Engineer Intern

- Resulted and maintained scalable web applications using React, Node.js, and MongoDB, resulting increase in user satisfaction for online banking and investment platforms.
- Implemented secure RESTful APIs, enhancing data integration and third-party integrations, leading to a 30% reduction in transaction errors.
- Enhanced application performance by leveraging AWS services (EC2, S3, Lambda), achieving improvement in load times and scalability.
- Collaborated with cross-functional teams to design and deploy new features, ensuring alignment with business objectives and increasing feature adoption.
- Employed unit and integration tests, improving code quality and reliability by 35%.

Technologies: Golang, jwt-go, Cassandra, AWS EC2, Kafka, Kubernetes, Docker, HTML, CSS, Git, C#, Apache Kafka, Jenkins

- Advanced and deployed scalable microservices using Golang and C#, integrating with Cassandra databases, reducing backend response time.
- Employed JWT authentication and authorization, and integrated with AWS EC2, enhancing security and uptime to 20%.
- Applied Apache Kafka for real-time data processing, improving data flow efficiency between microservices.
- Migrated from SOAP to RESTful APIs, boosting API performance and scalability by 25%, and developed web interfaces with Golang, HTML, and CSS.
- Leveraged Kubernetes for container orchestration, enhancing deployment and scaling efficiency.
- Added to Agile processes, including sprint planning and estimation, and employed Jenkins for CI/CD, reducing deployment time by 20%.

## PROJECTS

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### Health Harbor (Hospital Management System)

January 2024 – May 2024

- Implemented advanced encryption to secure patient data, achieving compliance with data protection regulations and enhancing data integrity.
- Enhanced database schema, resulting improvement in query performance and a reduction in record retrieval time by 40%.
- Resulted and integrated streamlined appointment management features, leading increase in scheduling efficiency and reduced patient wait times.
- Collaborated with a multidisciplinary team to design and deploy new healthcare service features, improving overall system efficiency.
- Automated data backup processes, reducing manual effort by 50% and increasing system reliability and recovery speed.

## EDUCATION

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### Master of Science in Information Systems

Central Michigan University, Mt Pleasant, MI

August 2022 – May 2024

### Bachelor of Technology in Computer Science and Engineering

Jawaharlal Nehru Technological University, Hyderabad, India

August 2016 – May 2020

## CERTIFICATIONS & ACHIEVEMENTS

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- Achieved Python, Java, and MySQL certification – HackerRank.
- Completed Amazon Web Services Fundamentals course – Coursera.
- Earned Lean Six Sigma Green Belt certification – Central Michigan University.