

Naveen Gurram

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in NaveenGurram 🔄 NaveenGurram

Summary

Technology Leader with 20 years of experience in software architecture and development, specializing in driving transformative change across diverse industries. Proven track record of setting technical direction, leading cross-functional teams, and delivering complex projects ahead of schedule and under budget. Expertise in designing scalable architectures, implementing best practices, and mentoring teams to enhance productivity and innovation.

Education

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|-----------|---|----------------------|
| MS | Kakatiya University , Information Systems | India |
| | <ul style="list-style-type: none">• GPA: 3.4/4.0• Coursework: Artificial Intelligence; Mobile Communications, Cryptography and Network Security, Information System Auditing, Data Warehousing and Data Mining, Parallel Processing | Sept 2001 – May 2003 |
| BS | Kakatiya University , Computer Applications | India |
| | <ul style="list-style-type: none">• GPA: 3.0/4.0• Coursework: Operating Systems; Databases, Algorithms, Programming Languages, Computer Architecture, Computer Networks, System Analysis and Design | Sept 1998 – May 2001 |

Experience

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|---|---------------------|
| Finra , Principal Engineer | Rockville, MD |
| <ul style="list-style-type: none">• Designed and led the development of a cloud-native Data Collection System, improving data collection speed by 30% and reducing time to market for new regulations by 25%.• Developed a data validation framework using JSON Schema, enabling non-technical users to create data validation rules, reducing reliance on IT support by 40%.• Spearheaded the design of a Redis-based temporary cache for the NMLS modernization project, enhancing user experience and reducing database load times by 50%.• Led the development of a Random Forest model for content classification, reducing manual classification work by 60% for regulatory purposes.• Mentored a team of 8 engineers, conducted code reviews, and established best practices, increasing team efficiency by 20%. | Aug 2014 – present |
| Westat , Software Engineer Consultant | Rockville, MD |
| <ul style="list-style-type: none">• Modified and optimized the OPEN system to generate reports for CTSU protocol studies, resulting in a 40% reduction in offline report generation costs.• Developed and integrated SOAP web services to improve information sharing across various RAVE systems, reducing Cancer Trial registration time by 15%.• Collaborated with stakeholders to define requirements, align technical solutions with business objectives, and enhance system functionality. | Oct 2012 – Aug 2014 |
| DTE Energy , Software Engineer Consultant | Detroit, MI |
| <ul style="list-style-type: none">• Designed and developed the Solar Wind Easement Management (SWEM) System, automating maintenance processes and reducing operational costs by 40%. | Jan 2011 – Oct 2012 |

- Created a Billing API for kiosk systems, enabling offline payments and reducing field meter reading costs by 30%.
- Facilitated technical discussions, architectural reviews, and code audits to ensure compliance with industry standards.

Jackson National Insurance, Software Engineer Consultant

Lansing, MI
July 2010 – Jan 2011

- Developed critical modules for year-end rebalancing at Curian Capital Asset Management, reducing process time by 25%.
- Designed an Eclipse plugin to automate the conversion of XML to JIL (Job Information Language) for AutoSys scheduling, improving scheduling efficiency by 20%.

ATT, Software Engineer Consultant

San Ramon, CA
Mar 2005 – July 2010

- Led the development of the Single Web Ordering Tool (SWOT) for DSL and landline services, achieving a 15% increase in order processing speed.
- Managed the migration of product configuration rules from Blue Martini to Drools, reducing licensing costs by \$500,000 annually.
- Created a WebSphere Resource Configurator tool, automating resource creation and boosting developer productivity by 30%.

Leadership and Architectural Achievements

- Defined and implemented architectural standards and best practices for cloud-native applications, improving scalability and reducing operational costs.
- Conducted design and code reviews, fostering a culture of quality and innovation across multiple teams.
- Established a mentoring program for junior developers, resulting in a 30% increase in promotion rates within the team.

Certifications

Ongoing training in Cloud Architecture, DevOps practices, and Machine Learning through Coursera and Udacity

2020 – present

AWS Certified Solutions Architect Associate

2016 – 2018

SUN Certified Java Programmer

2007 – 2010

Projects

IsItUp Chrome Extension github.com/NaveenGurram/IsItUp

2020

- Chrome plugin that enables you to configure endpoints you want to watch for their http status and provides a dashboard view of all configured endpoints in a nice tabular format.
- Tools Used: Javascript, JQuery, Chrome Extension

Eclipse Plugin

2011

- Eclipse plugin that functions as a context menu, allowing users to convert a XML to JIL(Job Information Language) file for use in AutoSys scheduling.
- Tools Used: Java, Eclipse Plugin Framework

Websphere Resource Configurator

2010

- Developer tool automating Websphere configuration for creating resources like Database configuration pool, creating JMS queues etc.
- Tools Used: Jython, XML

Technologies

Languages: Java, TypeScript, Python, SQL, JavaScript

Frameworks: Spring, Redis, Drools, Chrome Extension Development

Database Technologies: Relational Database, NoSql Databases

Cloud Platforms: AWS, GCP

Machine Learning: Random Forest Model

Development Tools: JIRA, Git, IntelliJ IDEA