

# Naveen Gurram

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## Summary

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Technology Leader with 20 years of experience specializing in software development and architecture providing competitive advantage and transformative change for diverse industries. Having the ability to conceptualize and execute program vision from start to finish, managing complex milestones while adapting to changes and shifting priorities. Led cross-functional teams in delivering strategic initiatives proven to improve systems, processes and bottom-line results.

## Technologies

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**Languages:** Java, TypeScript, Python, JavaScript, RDS, NoSql, AWS, GCP, Kafka, Airflow

## Experience

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**Finra**, Principal Engineer

Rockville, MD  
Aug 2014 – present

- 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%.

**Various Companies**, Software engineering positions

Apr 2005 – Aug 2014

## Leadership and Architectural Achievements

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- 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

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**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

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**IsItUp Chrome Extension** [github.com/NaveenGurram/IsItUp](https://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 Configuration**

2010

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

## **Education**

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**MS**     **Kakatiya University**, Information Systems

India  
Sept 2001 – May 2003

**BS**     **Kakatiya University**, Computer Applications

India  
Sept 1998 – May 2001