Naveen Gurram

⚲ Maryland ✉ gurram.naveen@gmail.com 📞 (925) 699-5376 🔗 www.naveengurram.com

in NaveenGurram ⌗ NaveenGurram

Summary

Technology Leader with 20 years of experience specializing in software development and architecture delivering competitive advantages and driving transformative change across diverse industries. Proven ability to conceptualize and execute program visions from inception to completion, 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

- Java, TypeScript, Python, JavaScript, NodeJs, Go, React, Angular, Oracle, PostgreSQL, MongoDB, AWS, GCP, Kafka, Airflow, Bigdata, Apache Beam, Machine Learning, Spring Boot, Serverless, Microservices, Event-Driven

Experience

Finra, Principal Engineer & Architect   Rockville, MD
                                                                        Aug 2014 – present
- Developed a high-throughput reverse proxy in Go, serving as an Identity Gateway for 750,000+ NMLS users interacting with downstream microservices.
- Designed and led the modernization of the NMLS system to a cloud-native stack with microservices and event-driven architecture, enhancing the user experience for 750K users
- 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%.

Westat, Software Consultant   Rockville MD
                                                                        Oct 2012 – Aug 2014
- Developed integrations with 10 Medidata Rave systems for real-time, peer-to-peer communication.
- Developed single sign-on screen for Center and Open web applications improving login for 100+ user types in the system.

DTE Energy, Software Consultant   Detroit, MI
                                                                        Jan 2011 – Oct 2012
- Designed and developed Easement management system to support 100k easements for solar and wind generation using JSF rich faces
- Designed and developed REST-based services to enhance billing kiosk efficiency, increasing transaction rates by 50%

Jackson National Life Insurance, Software Consultant   Lansing, MI
                                                                        July 2010 – Jan 2011
- Developed a module for tax-loss harvesting within the Curian system

AT&T, Software Consultant   San Ramon, CA
                                                                        Mar 2005 – July 2010
- As offshore coordinator oversaw delivery of AT&T wireline ordering systems.

- Developed Services using Stateless Session Beans to interact with Mainframes as part of ordering system.
- Replaced the Blue Martini system with Drools, reducing annual licensing costs by $1 million.

Leadership and Architectural Achievements

- Established architectural standards and best practices for cloud-native applications, enhancing 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

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 Configuration   2010
- Developer tool automating Websphere configuration for creating resources like Database configuration pool, creating JMS queues etc.
- Tools Used: Jython, XML

Education

MS   **Kakatiya University**, Information Systems   India
Sept 2001 – May 2003

BS   **Kakatiya University**, Computer Applications   India
Sept 1998 – May 2001