

# Naveen Gurram

📍 Clarksburg, Maryland    ✉ gurram.naveen@gmail.com    ☎ (925) 699-5376    🌐 naveengurram.com  
in NaveenGurram    🔄 NaveenGurram

## Summary

---

Technology Leader with 20 years of experience specializing in software architecture, providing competitive advantage and transformative change across diverse industries. Skilled in conceptualizing and executing 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.

## Education

---

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

## Experience

---

- |  |                     |
|--|---------------------|
| <b>Finra</b> , Principal Engineer  | Rockville, MD       |
| <ul style="list-style-type: none"><li>• Developed a cloud-native Data Collection System, improving the collection of structured and unstructured data and reducing time to market for new regulations.</li><li>• Created a data validation framework using JSON Schema, enabling business units to write data validation rules without technical expertise.</li><li>• Architected a Redis-based temporary cache for NMLS modernization, enhancing user experience by avoiding datastore access.</li><li>• Designed a Random Forest model for content classification, reducing manual classification for regulatory purposes.</li></ul> | Aug 2014 – present  |
| <b>Westat</b> , Software Engineer Consultant   | Rockville, MD       |
| <ul style="list-style-type: none"><li>• Modified the OPEN system to generate reports for CTSU protocol studies, reducing offline report generation costs.</li><li>• Developed SOAP web services to integrate various RAVE systems, improving information sharing and reducing lag for Cancer Trial registrations.</li></ul>  | Oct 2012 – Aug 2014 |
| <b>DTE Energy</b> , Software Engineer Consultant   | Detroit, MI         |
| <ul style="list-style-type: none"><li>• Designed and developed the Solar Wind Easement System (SWEM) to automate the maintenance of solar and wind easements, transitioning from a paper-based to a fully automated system.</li><li>• Created a Billing API for kiosk systems, enabling offline bill payments in Detroit.</li><li>• Enhanced the Billing API to provide payment options and bill calculations using smart meter data, reducing field meter reading costs.</li></ul>  | Jan 2011 – Oct 2012 |
| <b>Jackson National Insurance</b> , Software Engineer Consultant   | Lansing, MI         |

- Developed modules for year-end rebalancing at Curian Capital Asset Management.
- Created an Eclipse plugin to convert XML into Job Information Language (JIL) for AutoSys scheduling.

July 2010 – Jan 2011

#### **AT&T, Software Engineer Consultant**

- Developed and maintained SWOT (Single Web Ordering Tool) for AT&T DSL and landline services.
- Managed Product Catalog and Configuration APIs and implemented a Business Rules Engine (BRE) using Drools.
- Created a Websphere Resource Configurator tool, automating resource creation and boosting developer productivity.
- Migrated product configuration rules from Blue Martini to Drools, cutting licensing costs.

San Ramon, CA  
Mar 2005 – July 2010

## Certifications

---

**AWS Certified Solutions Architect Associate**

2016 – 2018

**SUN Certified Java Programmer**

2007 – 2010

## Projects

---

#### **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 works as a context menu and enables user to convert a xml to JIL(Job Information Language) file to be used in a scheduler.
- 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

**Technologies:** Relational Database, NoSql Databases, Redis, Spring, Chrome plugin development

**Clouds:** AWS, GCP

**ML Models:** Random Forrest Model