[Priya Rammohan](https://www.linkedin.com/in/gioronpri/)



# Summary:

My experience encompasses a wide array of projects, including web portal development and contributions to

the open-source Graylog log management system. I have cultivated expertise in Java, Python, Angular, React,

and Elasticsearch, actively engaging in GitHub collaboration, code documentation, and bug resolution. My

accomplishments encompass successful project delivery, system performance optimization, and effective

teamwork with diverse groups. I excel in problem-solving, design, and system architecture, consistently

delivering valuable contributions across diverse sectors, including Healthcare, Banking, Logistics, and

Technology, contributing to innovation and project success.

# Education:

Bachelor of Engineering (Computer Science and Engineering)

# Projects:

 ***Waste Management, Houston TX | Jun 2021 - May 2022 | Principal Software Engineer***

***Project and Responsibilities:***

Understand and configure the existing technology stack and oversee the planned release. I have

participated in conversations with various business stakeholders to align with the company’s strategic

vision. Built phase 1 for legacy applications to a newer technology stack, created sandbox environment

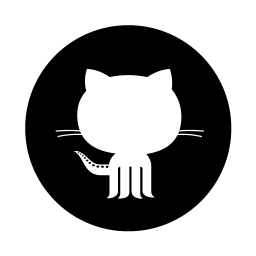
with Okta Integration, enabling Role-based access control, and staged it in the lower environment.

***Tools Technology and Environment:*** Angular 13, Spring Boot, Gradle, Java

 **Graylog , Houston TX | Nov 2019 – Nov 2020 | Engineer**

***Project and Responsibilities:***

I installed Ubuntu 18.04, replacing Windows on a laptop, and gained proficiency in remote work, code research,

and reading in both front-end and back-end technologies (including Graylog, Java, Elasticsearch, MongoDB, and React). I actively contributed to [GitHub](https://github.com/lingpri)  by submitting PRs, documenting code, and bug fixes, and

collaborating with a diverse group. My achievements include the successful release of Graylog 4.0, integration of

syslog from Office365, upgrading the Slack plugin, implementing Graylog schema updates, and contributing to

Graylog Illuminate. I developed using Elasticsearch and MongoDB in a Docker environment and worked with

Kafka as one of Gray log's input sources for event logs.

***Tools Technology and Environment:*** Java 8, Netty, React, Guice, Elastic Search, Mongo DB

 **Anadarko Petroleum, Woodlands TX | Mar 2019 –Sep 2019 | Sr, Java Developer**

***Project and Responsibilities:***

As part of the Oxy-Anadarko merger, I played a key role in enhancing several modules, including subsea leak

detection. I improved the time-picker component in Angular, ensuring its compatibility with all workflows in

IPSO Offshore. Additionally, I successfully implemented NGL forecasts for the BU Dashboard and worked

closely with the integration team to establish automated API testing protocols. To demonstrate my proficiency in

Java 8 and system design, I addressed an offline challenge. Throughout these initiatives, I operated within a

microservice architecture framework and contributed as a valuable member of a Scrum team.

***Tools Technology and Environment:*** Java 8 with Spring Boot, Angular 4+ UI development, TDD, GCP

 ***JPMC, Houston TX | Dec 2016 – Dec 2018 |* Sr. Full Stack Developer**

***Project and Responsibilities:***

Migrated BPM Adobe Flex application from WebLogic to Tomcat, saving millions of dollars in licensing cost.

Investigating bug fixes and enhancing Oracle stored procedures.

***Tools Technology and Environment:*** Flex, JavaScript UI development (React, Angular), Java, Groovy, Oracle

PL/SQL

 **EOG, Houston TX | Oct 2016 - Nov 2016 | Sr.Full Stack Developer**

***Project and Responsibilities:***

An interim contract position aimed at extending an existing application by incorporating a new DrawByModule

into the project utilizing the mentioned technologies.

***Tools Technology and Environment:*** Worked in HTML5/ArcGIS JavaScript 3. xx, ES6 syntax, React, Redux,

SASS.

 ***Waste Management, Houston, TX | June2012 – July2016 |***Principal GIS Analyst

***Project and Responsibilities:***

Improving and maintaining the Wave application, I created a custom Pricing Wave tool for delineating

Boundaries using ARCGISFlexViewer. I also explored the migration of this tool from Flex to

HTML5/JavaScript. My efforts included acquiring the skills necessary to address point-in-polygon failures,

ensuring a smooth transition to the cloud environment while handling large volumes of customer data.

***Tools Technology and Environment:***Java, Front end Technologies using Flex, React, Es6, Java Rest services, AWS

 ***JP Morgan Chase, Houston TX | June 2010 – April 2012 | Associate***

***Project and Responsibilities:***

SPEx serves as a strategic application, providing authoritative VIE/SPE information support to various functions

like Front Office, Middle Office, CFO’s, Legal Compliance, and Credit Risk Management. My responsibilities

involved collaborating with stakeholders, enhancing Excel Mass Upload Framework, developing JUnit test

cases, researching, and implementing the Eh Cache solution, and integrating the ical4j library. This contributed to

the success of SPEx and SLF Sales projects.

***Tools Technology and Environment:*** Spring, JavaScript(jQuery), Flex, Java, Flex4.5 SDK, ActionScript, Tyger2.3,

Oracle9.1, Maven2.0, Subversion.

 ***IIT, Inc Woodlands TX, | April 2008 – May 2010 |* Senior Software Engineer**

***Project and Responsibilities:***

Enhanced multiple front-end modules for the eRouteLogistics product using Java Swing. This involved

developing parsers for GFMI and BlueTreeBinaryPacket modules, which are used with Garmin devices and Blue

Tree modems. Focused on optimizing the performance of the RPSP (Receive, Parse, Store, Publish) component.

To handle up to 500 vehicles, processing approximately 700 messages per second, I implemented performance

tuning techniques like Thread Pools and Worker Queues. Additionally, gaining valuable experience in Java

Multithreading and implementing asynchronous messaging solutions on the server side to efficiently manage

High volumes of data from GPS devices. This work involved a combination of Java Swing, Flex, and other

technologies to optimize and enhance the functionality and performance of various modules within the product.

***Tools Technology and Environment:*** Spring, JSP, Swing, IBATIS, Java 2D, Java Concurrency, JMS,

Active MQ-5.1, Oracle9.1, Flex3, ActionScript, Weblogic9.0, IDEA 8.1, Maven2.0, Subversion.

 ***BCBS Florida, Jacksonville, FL | May 2005 – Mar 2008 |* Full Stack Web Developer**

***Projects and Responsibilities:***

As part of the OPD/Access Blue/MyBlueService/MAR project at BCBS in Jacksonville, Florida, I played

a pivotal role in the development and maintenance of multiple web applications catering to BCBSF

members and end users. Enhanced functionalitiesin the MyBlueService web application, empowering

members to securely access and review their personal information, including dependent details for

individuals under the age of 18. Contributed to the OPD portalduring design and development phase,

an online resource enabling users to locate healthcare providers and professionals participating in their

respective insurance or health benefit plans.

*Tools, Technology and Environment:*

Struts1.2, JavaScript, jQuery, JSP, Servlets, JSR168-Portlets, ANTLR, Stellent, EJB, WAS5.1,

WPS, MQ-Series, Webservices, EJB2.0, Rfhutil,PQEdit, DB2.

 ***Vistakon,Jacksonville,FL | May2005 – Jan 2006 |* Full Stack Desktop Developer**

***Project and Responsibilities:***

DCS (Distribution Core System) was developed to support the essential Product Distribution functions of

Acuvue Contact Lenses. This encompassed key components such as Inventory Management, Order

Processing and Shipping. Conducted a comprehensive system study of the pre-existing Legacy system,

Crafted detailed use cases to outline system functionality, Developed a user interface (UI) prototype for

stakeholder approval, actively participated in developing the system within the proposed architecture,

including implementing the Message Board and Admin Spur Assignments.

***Tools, Technology and Environment:*** EJB2.0, SWING, Weblogic8.2, MQSeries, Oracle9i, ANT, PVCS.

 ***Arkin Systems Pvt Ltd, India | Aug 2000 – Aug 2002 |* Senior Software Engineer**

***Projects and Responsibilities:***

Development of Web Portals for Soccer Players using Sapphire Web Led the development of web portals tailored

for soccer players using Sapphire Web, providing them with a user-friendly and feature-rich

online platform. Implementation of BizDNA Suite Played a pivotal role in the implementation of the BizDNA

suite, comprising components engineered to empower enterprises in managing their business operations and

cultivating collaboration with both internal and external partners via the internet.

***Tools, Technologies, and Environment:***

HTML, CSS, EJB, Servlets, JSP, XSLT, JSTL, XML, JBOSS 2.4, Struts, Oracle 8i/9i,

Tomcat, ANT, JUnit, CVS, Windows 2000/NT.

**Accomplishments:**

1. AWS Certified Cloud Practitioner (Jan 2023)

2.Advanced Certification in AI/ML from IITH/ Talent Sprint (Dec 2020-Jun 2021)

3.Hadoop Certified Developer (2016)

4. Sun Certified Java Developer 1.4 (2004)