

Vidya Muniswamy Gunashekar

Phone: 206-451-0993 | Email: vidyamuniswamygunashekar@gmail.com | LinkedIn: <https://www.linkedin.com/in/vidyamg>

EXECUTIVE SUMMARY

- Results-driven software engineer with 5+ years of experience, expertise in designing, developing, testing and debugging microservice APIs, Cloud and Web applications using Java, Python, JavaScript, Rest API, and SQL.
- Highly communicative individual with exceptional skills in full software development life cycle management, microservice architecture, software engineering best practices, and object-oriented concepts.
- Proven ability to lead cross-functional teams and collaborate effectively. Demonstrated success in delivering multiple projects that meet business and customer needs.

TECHNICAL SKILLS

Project Management | Requirements Gathering | Unit Testing | Documentation | Code Optimization | Web Development | Machine Learning | Data Science | Web Services | Data Analysis | Code Reviews/Walkthroughs | Agile SDLC | Scrum | Third Party Tools | Product | macOS | Windows | Linux | Computer Science | Data Structures Algorithms | Full Stack Developer | Back End Developer

Programming languages: Python, Core Java, Java 8, SQL
Frameworks: REST API, Spring, OData, Junit
Cloud computing: AWS, Azure ESB
Front-end: JavaScript, HTML, CSS
Database Systems: RDBMS: SQL Server, MySQL, Oracle, SQLite
NoSQL: AWS DynamoDB
Certification: AWS Certified Cloud Practitioner (Apr 2023- Apr 2026)

WORK EXPERIENCE

University of Washington

Seattle, USA

Graduate Student

Jun 2022 – Jun 2023

- Successfully completed a data mining capstone project to gain valuable insights from analyzing Spotify's Top 2000 songs. Conducted trend analysis and assessed consumer preferences to provide effective music curation recommendations, ultimately informing business decisions and enhancing the overall listening experience for users
- Accomplished end-to-end development of SITAC architecture project, as measured by successful delivery on time and within budget, by designing IT solutions that effectively addressed real-world challenges, constraints, and needs

CGI Inc.

Bengaluru, IN

Senior Software Engineer

Nov 2016 – Nov 2019

- Led the successful implementation of the message hub module on the CMS project from proof of concept to production, delivering outstanding results using strategic planning and effective project management skills
- Designed and developed the CMS-Enterprise Service Bus Microservice on Azure Service Bus, resulting in a 20% reduction in message processing time and a 15% increase in overall system efficiency
- Improved system efficiency by implementing OData REST API's standardized query language, resulting in a 40% reduction in response times for complex data queries
- Guided and mentored a team of four junior engineers under the Message Hub module in the CMS project, resulting in a 30% increase in their productivity and the successful delivery of the project ahead of schedule.

Caterpillar India Pvt Ltd.

Bengaluru, IN

IT Analyst

Jul 2014 – Nov 2016

- Optimized the parts information processing component by moving the BASH script part of the system to Java and used concurrency to increase the parts processed per minute KPI by 30 percent and reduced the cost by 52 percent
- Reduced application defects by 43% through improving the legacy codebase and debugging the CAT-Reman application, resulting in a more stable and reliable system
- Developed dynamic and interactive user interfaces for cat dealers using JavaScript, resulting in a significant reduction in tickets for the team

EDUCATION

University of Washington Foster Business School

Seattle, WA

Master of Science in Information Systems, 3.9/4

Jun 2023

R. V College of Engineering

Bengaluru, IN

Bachelor's in Computer Science Engineering, 4/4

Jun 2014