

# Akshay Kumar

+917338013115 | ak.akshayajay@gmail.com | <http://www.linkedin.com/in/akshay222>

## SUMMARY

Experienced Software Engineer with 4.5 years track record in dynamic software development I specialize in crafting software solutions that seamlessly merge business needs with an exceptional user experience. Collaborating across diverse teams throughout the software lifecycle, I ensure high-quality results that align with strategic objectives.

## PROFESSIONAL EXPERIENCE

**Eli Lilly and Company**-Bangalore, IN

**Software Engineer-I, Jun 2022–Dec 2023**

- Implemented robust reliability measures for a clinical trial app, reducing downtime and enhancing overall system reliability.
- Served as an SRE, contributing to the enhancement of system reliability, scalability, and performance.
- Led incident response, implemented monitoring, and automation for minimal downtime and optimal system functionality, achieving a significant efficiency gain, saving 800 hours/year through SRE implementations.
- Designed and implemented Python bots to streamline and automate routine processes, significantly improving efficiency.
- Developed VR prototype for warehouse operations using SwiftUI and ARKit.
- Expertise in using layered architecture principles, as well as with application development.
- Employed scripting languages to create automated solutions, mitigating manual errors and increasing workflow efficiency.

**CGI**- Bangalore, IN

**Software Engineer, Apr 2021– May 2022**

- Developed a financial data model for tracking 150,000+ project finances using .Net and C#.
- Built a billing model for revenue monitoring and health checks using Net and C#.
- Analyzed performance using SQL/Oracle, resolving database issues, improving response times by 45%.
- Designed and deployed Tableau dashboards to monitor application health and performance, providing stakeholders with real-time visibility.

**Atyati Technologies**- Bangalore, IN

**Technical Associate, Sep 2019 – Sep-2021**

- Expertise in using layered architecture principles, as well as hands-on experience with application development.
- Experienced in utilizing MS Azure for application deployment, managing Blob storage, and working with DB servers.
- Familiarity with Micro Services, Web services, web API, REST API, LINQ, OOPS concepts and Database management.

## TECHNICAL SKILLS

**Programming:** Python, C#, C, PHP, Java, JavaScript, SQL

**Database:** MySQL, Oracle, MongoDB

**Cloud:** AWS

**Web Development:** HTML, CSS

**Frameworks:** .Net core, Flask

**Machine Learning and Deep Learning**

## EDUCATION

**Florida Atlantic University**

Master of Science | Computer Science

**JAN 2024-DEC 2026**

Boca Raton, FL

**Govt S K S J T I**

Bachelor Of Engineering | Computer Science and Engineering

**JUL 2016-JUN 2019**

Bangalore, IN

**SDM Polytechnic**

Diploma | Computer Science and Engineering

**JUL 2013-APR-2016**

Mangalore, IN

## CERTIFICATIONS

Advanced Artificial Intelligence and Machine Learning from IBM



**PROJECTS**