

# Harika Neelam

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## EDUCATION

**University Of Alabama at Birmingham, Birmingham, AL**

**Jan 2023 – May 2024**

**Master of Science in Computer Science**

**GPA: 3.66 /4.0**

Related courses: Advance Algorithm and Applications, Database Systems, Web Development.

**KU College Of Engineering and Technology, Hyderabad, India**

**May 2015 – Apr 2019**

**Bachelor of Technology in Computer Science**

**GPA: 7.87/10.0**

Related courses: Object-Oriented Design, Java, Data Structures, Computer Network, Distributed Systems.

## TECHNICAL SKILLS

**Languages:** Java, JavaScript, C++, C.

**Relational Databases & Other:** MySQL, PostgreSQL, SQLite, Oracle, H2Database, MongoDB.

**Web Technologies & Tools:** HTML5, CSS, Git, GitHub, Maven, JSP, Servlets, DBeaver, PostMan, Eclipse, IntelliJ.

**Frameworks & Libraries:** Spring Boot, Spring MVC, Spring Xml, Junit, Rest APIs, JPA, Microservices, Hibernate, Jhipster, Spring Security.

## PROFESSIONAL EXPERIENCE

**Ivy Software Development Services Private Limited, Hyderabad, India**

**Sep 2021 – Dec 2022**

**Software Engineer**

- Spearheaded a cross-functional team that conducted user story mapping sessions and utilized feedback to develop new functionalities for a gaming application. Results showed a 15% increase in daily active users and a 20% increase in in-app purchases.
- Worked with the Core team to efficiently deliver games to third-party vendors.
- Rest API's were built using Java Spring XML, Oracle and MongoDB. These API's processed 100K+ daily requests with an average 20ms response time and 99.9% uptime.

**Excelra Private Knowledge Solutions Limited, Hyderabad, India**

**Jun 2019 – Sep 2021**

**Software Developer**

- Played a central role in designing and implementing highly efficient back-end REST APIs, resulting in a 30% reduction in response time and a 20% increase in overall system performance.
- Revamped the user experience of a web application in collaboration with a team of 10 senior developers, resulting in a remarkable 200% increase in customer visits.
- Implemented configuration of 7 distinct small services to establish a microservices architecture enhancing scalability, fault tolerance, and reliability.
- Overcame intricate challenges throughout the development process by applying advanced Data Structures, while adeptly communicating technical issues to the Project Manager, resulting in a 40% reduction in bug occurrences. Architected and implemented continuous integration and deployment pipelines using Git and Jenkins. Delivered 50+ production releases with zero downtime.
- Utilized expertise in Spring Boot, JPA and microservices to drive successful project outcomes by saving 15+ hours per week per developer.

## PROJECTS

**Casino Games**

**Sep 2021 – Dec 2022**

- Developed and delivered Game Configurations and Game Related transactions via REST APIs, tailored to vendor requirements using JAVA, Spring XML, and Oracle. Incorporated user-suggested features into games, resulting in a 25% increase in user engagement and a 10% boost in revenue generation.

**Centogene Lucy DB Web Application**

**Jan 2021 – Sep 2021**

- Spearheaded the development of robust back-end REST API's for Lucy DB, an interactive tool for data processing and searching. Leveraged Java Spring Boot, JAVA, JPA, and MySQL technologies.

**Go-Star Next Web Application**

**Jun 2019 – Dec 2020**

- Played a crucial role in the development of Go-Star Next, a prominent web application for drug discovery, with a special focus on user management module. Ensured timely delivery of API's using spring security.