

# Krishna Varshini Ilindra

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## PROFESSIONAL SUMMARY

As an Associate Software Engineer with solid experience in developing and optimizing web applications. Skilled in cloud environments (AWS, Azure) and focused on improving application performance and user experience. Worked with modern frontend frameworks such as React, and actively contributed to enhancing web performance and reliability. Familiar with DevOps tools like Docker and Kubernetes, contributing to a reduction in system downtime. Eager to collaborate with cross-functional teams to deliver impactful, user-centered software solutions while continuing to hone technical skills.

## EXPERIENCE

### Graduate Teaching Assistant

Sep 2023 – May 2024

University of Bridgeport | Connecticut, USA

- Led weekly discussion sections for two classes, each consisting of 20 students, covering fundamental topics in computer vision, including image processing, feature extraction, object recognition, and deep learning.
- Provided individualized guidance and support to students during office hours and lab support hours, helping them to overcome challenges in understanding computer vision concepts and debugging code-related issues.
- Assessed and graded weekly assignments, midterm, and final exams, providing timely and constructive feedback that helped students to improve their understanding of computer vision concepts and develop their skills in software development.

### Associate Software Engineer

May 2022 – Dec 2022

Nagarro Software Pvt Ltd | Gurgaon, India

- Developed and enhanced an e-commerce portal for a leading client in the furniture retail sector.
- Implemented Google Maps integration, AR features, 360-degree product views, and payment gateway.
- Improved cart functionality, including product additions, protection plans, and delivery/click & collect options.
- Enhanced site speed by 25% through custom modules, layout management, and responsive design.
- Integrated front-end interfaces with backend services, improving data synchronization and reducing errors.
- Implemented RESTful APIs, optimizing communication between the front and backend (30% improvement in data retrieval efficiency and 25% acceleration in page loading times).
- Architected scalable backend services using Spring Boot, Hibernate, and MySQL, resulting in a 40% increase in application performance and a 35% reduction in database query response time.
- Strengthened application security by implementing multi-layered authentication and access controls.
- Improved performance and efficiency (site speed, page load times, data retrieval efficiency, and application performance).
- Enhanced user experience (smoother interaction, improved cart functionality, and optimized API consumption).

### Associate Software Engineer Trainee

Jan 2022 – May 2022

Nagarro Software Pvt Ltd | Gurgaon, India

- Attended comprehensive training courses to gain proficiency in industry-standard processes, techniques, and technologies.
- Acquired hands-on experience with Docker, MySQL Workbench, GitLab, GitHub, and Postman.
- Developed multiple applications using a diverse tech stack, including Java, Spring Boot, Microservices, MySQL, HTML, CSS, JavaScript, Bootstrap, and Git.

### Internship

Mar 2022 – Jul 2022

Wipro | Hyderabad, India

- Developed and enhanced frontend components using HTML, CSS, and JavaScript within a Java-based web application, improving UI responsiveness and user interaction by 30%.
- Collaborated with backend developers to integrate RESTful APIs with frontend interfaces, ensuring smooth data handling and dynamic content rendering in real-time.
- Assisted in implementing responsive design using Bootstrap and media queries, optimizing the user experience across different devices and screen sizes.
- Participated in debugging and optimizing JavaScript code to improve performance, resulting in a 15% reduction in page load times and smoother navigation.
- Worked with version control systems (Git) and collaborated in an Agile environment, contributing to regular frontend releases and improving overall team efficiency.

## PROJECTS

### E-Commerce Website using MERN Stack

- Developed a full-stack eCommerce website using the MERN stack (MongoDB, Express, React, and Node.js), creating both the frontend and backend.
- Built the frontend with React to display products, manage the shopping cart, and implement user authentication with login and registration pages.
- Designed backend APIs using Express and Node.js for product management, including adding, updating, and displaying products, handling cart operations, and user login/registration functionality. Developed an admin panel to manage products, including adding and updating items for the eCommerce store.

## SKILLS

Programming Languages:	Java, Python, HTML5, CSS3, JavaScript, TypeScript
Web Development:	Spring Boot, Microservices, Bootstrap, Tailwind CSS, React
API Integration:	RESTful APIs
Databases:	MySQL
Version Control:	Git, GitHub
Cloud and Containers:	AWS, Docker

## CERTIFICATIONS

- AWS Cloud Foundation Badge
- Python Certification from Code Tantra

## EDUCATION

- Master of Science, Computer Science | GPA – 3.67 | University of Bridgeport