

Krishna Vineeth

krishnavineeth97@gmail.com — (669)-235-2027 — [LinkedIn](#) — [Portfolio](#)

Summary

- **Software Engineer** with **3+ years** of experience in **backend development**, specializing in **Java, Spring Boot, Python**, and microservices.
- Developed **accessible web applications** with **Angular, React, Vue**, adhering to WCAG guidelines for improved scalability and UI/UX.
- Proficient in **SQL and NoSQL** database design, handling structured and unstructured data for high-volume systems.
- Experienced in **Kubernetes, CI/CD (Jenkins)**, and cloud technologies (**AWS**) to enhance deployment efficiency by **20%**.

Technical Skills

- **Languages:** Java, Python, JavaScript, TypeScript, SQL, NoSQL
- **Frameworks:** Spring Boot, Flask, Django, Node.js, Angular, React, Vue
- **Tools:** Kubernetes, Docker, Jenkins, JIRA, Git, Hadoop, Apache Kafka, Spark
- **Cloud:** AWS (Certified Developer – Associate)

Experience

Software Engineer, Lepro IT, Milpitas, CA

Feb 2024 - Present

- Designed and deployed **10+ microservices** using **Java, Spring Boot, and Kafka**, enhancing system scalability.
- Collaborated with **product managers and architects** to develop solutions that reduced **system downtime by 20%**.
- Built **real-time data pipelines** with **Kubernetes and Apache Flink**, improving **fraud prevention performance by 30%**.
- Automated CI/CD pipelines using **Jenkins and Docker**, cutting manual deployment efforts by **40%**.
- Led security initiatives, reducing **technical debt by 15%** while ensuring compliance with best practices.

Software Engineer, Mansha Software India Pvt Ltd, Hyderabad, India

Jan 2020 - Dec 2021

- Developed a **scalable dashboard** using **Java, Spring Boot, and Docker on AWS**, reducing load time by **30%**.
- Optimized **Hadoop data pipelines**, processing **1M+ records daily**, improving system efficiency.
- Implemented a **web scraping pipeline** using **Java and Jsoup**, increasing **page views by 150%**.
- Automated logistics data processing, reducing **weekly manual effort by 20 hours**.

Projects

Chatbot Search System

Jan 2023 - May 2023

- Developed an **intelligent search system** using **SOLR and NLP techniques**, optimizing Reddit API data indexing.
- Achieved **85% classification accuracy** using a **Naïve Bayes classifier**.
- Deployed a **Flask-based chatbot** on the cloud, improving **mean average precision (mAP) by 7%**.

Bank Loan Status Prediction

Aug 2022 - Dec 2022

- Predicted loan repayment using **Logistic Regression, KNN, and Decision Trees**, achieving **85% accuracy**.
- Optimized data preprocessing, reducing **prediction time by 30%**.

Theft Identification via Motion Detection

Aug 2019 - Aug 2020

- Developed a **real-time surveillance system** using **Raspberry Pi, PIR sensors, and GSM Module**.
- Integrated a **Haar Cascade-based facial recognition** system, enhancing security response time by **10 minutes**.

Education

Master of Science, Computer Science

Jan 2022 - Dec 2023

University at Buffalo, The State University of New York

Bachelor of Engineering, Computer Science

Aug 2016 - Jul 2020

New Horizon College of Engineering, Bangalore, India