

LAHARI KARROTU

321-367-9669 • laharikarrothu@gmail.com • linkedin.com/in/lahari-karrotu • github.com/laharikarrotu

SUMMARY

Ambitious Junior Java Developer Seeking a challenging role to apply problem-solving skills and contribute to impactful projects in a collaborative and dynamic team.

EDUCATION

MS Computer Science

Graduating May 2024

Florida Institute of Technology

3.7 GPA

Melbourne, FL

Relevant coursework: AI, DSA, Computer Networks, Database, computer Info Security

TECHNICAL SKILLS

Web Technologies: ASP.Net, Silverlight, Ajax, N-hibernate, Bootstrap, jQuery, HTML5, CSS3, XAML, XML, React, Spring MVC, JasperReports, Hibernate, Restful Services, Problem Solving

Programming: C.Net, c++, Java, Enterprise Java web applications, JVMs, Python, HTML5, SQL, shell programming

Cloud Technologies: AWS, GCP, Servicenow, salesforce, kubernetes

Tools: JASP, Wireshark, JUnit, Git, CDS, Maven, MongoDB, Docker, Data visualization tools, JDBC, PowerBI, Eclipse

Frameworks: Spring MVC, JSF

Certifications: GCP, ServiceNow Developer – August 2021, CCNA Cisco, CompTIA Security+, Oracle Database SQL Certified Associate

PROFESSIONAL EXPERIENCE

EPAM Solutions, Hyderabad, India: Programming Analyst Intern

Jan 2021 – Aug 2021

- Designed and Developed applications using React Native, Object Oriented Concepts. (Javascript, react, Java)
- Prepared Functional Specifications, Design Specifications document, and UML Diagrams.

Cognizant Technology Solutions, : Java Developer Intern- MicroServices

Jan 2022 – June 2022

- Designed and implemented APIs for microservices communication (Java).
- Understand container orchestration tools like Kubernetes for managing microservices deployment.

ACADEMIC PROJECTS

Black and white Image colorization

Fall 2022

Successfully conducted collaborative and pioneering research in computer vision.

- Developed cutting-edge black-and-white image colorization algorithms using Python and TensorFlow
- Led the curation and preprocessing of extensive datasets with Python and OpenCV, ensuring robust model training and generalization
- Optimized colorization algorithms with proficiency in TensorFlow, PyTorch, and GPU acceleration, contributing to state-of-the-art advancements.

Predictive Analytics Dashboard with Database Backend

Fall 2023

Implemented ML algorithms for predictive analytics

- Ensured data integrity and designed queries for seamless integration with the machine learning backend. (Database)
- Developed a user-friendly frontend dashboard using a JavaScript framework (React).

Multi-model Biometric Authentication

Spring 2024

Developed a robust multimodal biometric authentication system integrating facial

ACTIVITIES

Core Member in National Events

Aug 2018 – 2023

Multiple leadership roles, including vice-president and industry relations chair and Volunteered in IT Serve Synergy Event, FL