

Krishnakanth Yachareni

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EDUCATION

U OF SOUTH MISSISSIPPI
MS IN COMPUTER SCIENCE
Dec 2022 | Hattiesburg, USA
GPA: 3.9 / 4.0

JNTU HYDERABAD
BS IN COMPUTER SCIENCE
May 2017 | Hyderabad, India
GPA: 3.8 / 4.0

LINKS

LinkedIn:// yacharenikrishnakanth
Github:// KrishnakanthYachareni
StackOverflow:// yachareni
Quora:// Krishnakanth-Yachareni

COURSEWORK

GRADUATE

Machine Learning
Advanced Algorithms
Distributed Database Systems

UNDERGRADUATE

Algorithms & Data structures
Operating Systems
Compiler Design
Computer Networks
BigData Analytics
(Teaching Asst)

SKILLS

PROGRAMMING

Languages:

Java 8+ • Python • JavaScript (ES6) •
NoSQL • SQL • Shell

Back-end:

Java EE • Spring • Spring Boot •
Microservices • RESTful Web Services •
Node.js • RabbitMQ • Junit • Mockito •
Apache Kafka

Front-end

Angular • React.js • Redux • TypeScript •
Karma • Jasmine • HTML5 • CSS3 •
Bootstrap

Database:

MySQL • Oracle • PostgreSQL •
MongoDB • Cassandra

Cloud:

AWS • GCP • Docker • Kubernetes

Tools:

CI/CD • Jenkins • Spinnaker • Maven •
Gradle • Selenium • Cucumber • Git • Git
Hub • IntelliJ • Agile Methodologies

EXPERIENCE (5+ YEARS)

COPART, INC | SOFTWARE ENGINEER

May 2022 - Present | Dallas, TX

- Developed an internal notification system, which offers managing operations on notifications created by Copart customers.
- Improved applications start-up performance by over 50% faster and Grew revenue for Copart business clients by 10% by adapting the latest notification features

U OF SOUTHERN MISSISSIPPI | GRADUATE RESEARCH ASSISTANT

Aug 2021 - May 2022 | Hattiesburg, MS

- Implemented map-based web application to handle NOAA ocean exploration data which includes ship expedition data, Research vessels sensor collected information such as image, video, and dive path data.
- Designed the web prototype to handle over 10TB of media data.

MASTERCARD | SOFTWARE ENGINEER

Jan 2018 - July 2021

- My role involved into exploration & integration of various real-time global payment services such as PayPal, Visa, Amex, NPCI, MADA, and FirstData.
- Developed the back-end logic with a TDD approach and the front-end logic with the BDD approach and wrote automation scripts in shell and Python.
- Worked with J2EE, Spring, Angular, SQL, NoSQL, Private cloud, and Docker.
- Managed a group of 10 people team and worked with global multi-disciplinary teams of engineers, architects, designers, product owners, and clients on a daily basis

TATA CONSULTANCY SERVICES | ASSISTANT SYSTEM ENGINEER

June 2017 - Jan 2018

- 1 out of 1200 applicants chosen to be a TCS Fellow 2017.
- Collaborated with a small team of student designers to develop a new mini banking web application before graduating from the ILP training.

PROJECTS

IMAGE FORGERY DETECTION, CLASSIFICATION | GRADUATE RESEARCHER

Aug 2021 - Present | MS USA

CNN is used for image processing and a high pass filter is used to acquire hidden features in the image rather than semantic information in the image.

PROGRAMMING PARSER | HEAD UNDERGRADUATE RESEARCHER

Jan 2017 - May 2017 | Hyd, India

Led the development of **Anello**, the custom programming language specification converts the Anello programs into a native java programs which can be executed by a java compiler

AWARDS

2021	top 1/50	Awarded as a graduate research assistant at USM
2019	top 1/500	Best Software Engineer at EPAM Systems
2017	1 st /500	TCS Coding Competition, Hyderabad
2016	top 5/100	Product Development Hackathon by TASK, HYSEA