

BHASKER MUDA

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Portfolio: <https://bhasker-muda-portfolio.netlify.app/>

EDUCATION

The Rivier University at New Hampshire, Nashua, US

January 2024 – Present

Master of Science in Computer Science

GPA - 3.83

Courses – Networking Technologies, Object-Oriented Design, Computer Science Fundamentals,

Vidya Jyothi Institute of Technology, India

August 2016 – September 2020

Bachelor of Science in Computer Science

GPA - 3.8

Courses – Java Programming, C programming, Object-oriented Programming, Operating systems, Web Technologies, Computer Networks, Data Structures, Linux Programming

TECHNICAL SKILLS

Languages: Java, C/C++, Python, HTML, CSS, MySQL

Technologies and Developer Tools: Linux, Windows, Sql developer, Git, Jenkins, CI/CD, BMC Remedy

Reporting and monitoring Tools: Jasper, Tableau, rundeck

EXPERIENCE

CGI Information Systems and Management Consultants Pvt.Ltd

March 2021 – January 2024

IT Analyst - Software Engineer

Hyderabad, India

- Working on developing the Global Wealth and Capital Markets project that assists Fund Accounting and portfolio managers to manage their investment in stock markets.
- Experience in tomcat API's, Listeners, Jenkins pipeline CI/CD deployments.
- Having hand on experience in admin activities for Tableau, Tableau reports, incident, problem ticket, change and service request, reporting tools for daily operations.
- Handling Client queries, Batch Job failures, delays and troubleshooting within defined SLA's.
- Having experience in Oracle SQL functions, DDL and DML statements
- Good knowledge using Jenkins and Remedy Tool.
- Having experience in deployments, patching activities and DR's
- Knowledge of Object-Oriented Programming (OOPS) Concepts & various kinds of Databases like MySQL.
- Good knowledge of programming languages.
- Having knowledge in UNIX.

PROJECTS

Near Real-time Data Processing, Sentiment Classification on TextData / AWS, Python

Cloud Project

- Built a serverless streaming service which redacts Personally Identifiable Information, finds the text sentiment and stores in s3 buckets.
- Utilized AWS Comprehend NLP service to implement the text processing modules reducing manual processing by 80%. Studied the performance of Amazon's streaming service Kinesis Data Streams for various configurations.

Connect4 using AI / Python, PyGame, Visual Studio Code

Backend Project

- Devised a Connect4 Game Variant in Python implementing MiniMax algorithm to get the optimum next move.
- Designed UI using PyGame. Employed alpha-beta pruning to increase the time-complexity by power of half.

Fault-tolerant and Network Durability Analysis / Java

Backend Project

- Developed an efficient K-core algorithm for 10 different k values to determine of the most interconnected sub graphs in complex networks, providing valuable insights into network durability and resilience.
- Also, implemented a robust network reliability analysis on 6 different topologies using exhaustive enumeration, examining the network's ability to sustain operation under varying probabilities of node failures.