ASHISH KUMAR

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EDUCATION

Master of Science: Computer Science, University of Buffalo, The State University of New York, 2021-2023
Bachelor of Engineering: Computer Science, Mitte Meenakshi Institute of Technology, Bangalore, India, 2014-2018

TECHNICAL SKILLS

Programming Languages: Java, React, JavaScript, Typescript, python, solidity.
Libraries and Frameworks: Web services, Spring, Hibernate, Spring-boot, Git, Streamlit, Handlebars, vitest, cypress, Jira.
Database Management: Oracle 11g, DynamoDB, S3, RDS.

WORK-EXPERIENCE

Gallup Inc   Mar 2023-Present
Software Engineer
- Built a REST API for storing clickstream data in DynamoDB, caching in Redis, and validating event data with a Java-based JSON schema.
- Designed and Developed a GraphQL endpoint in Java for driving clickstream analytics dashboards.
- Researched and implemented an infinite table using AG Grid. Allowed handling over 100000 rows in the table.
- Investigated and identified underlying causes of major production bugs using tools like Splunk performed analysis and offered technical solutions to mitigate the issue.
- Implemented vitest testing framework for react app for a robust testing.
- Created python and typescript scripts to automate documenting 1000+ events saving 20+ work hours.

Mindtree   Oct 2018 - Jul 2021
Senior Software Engineer
- Led a team of 4 developers for over **13 projects**. Contributed to all aspects of **software development life cycle (SDLC)**.
- Planned release items for the sprint, estimated effort required for the release and delegate it to the team members.
- Mentored new team members via knowledge transfer sessions. Created ppts and KT documents for smooth onboarding of the new joiners.
- Found multiple ways to improve the security and resilience of the application by using new technologies. Coordinated with the project architect and presented it to the client.

Software Engineer
- Developed, Debugged code to fulfill complex client requirements using java spring, hibernate, SQL etc.
- Developed a mobile application to automate the onboarding process for new joiners in collaboration with Mindtree Innovation Hub. The application was presented in the annual innovation summit of mindtree.

EveryCrave   Jun 2017 – Jul 2017
Research and Development Intern
- Created a web application that served as a medium between restaurants, catering business and needy people.

PERSONAL PROJECTS

Crypto Gallery :
- Built an end to end decentralized art marketplace where artists have full authority over the art pieces.
- Blockchain does the work of trust intermediation so the buyers can be assured of authenticity.

Shopping Cart:
- Built a shopping cart web application using react as frontend and java webservice that allows you to perform crud operation
- Implemented search functionality that allows you to search products by id, category and name.