


# Sree Ganesh

## Senior Software Development Engineer

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 8075501259

## EXPERIENCE

### SENIOR SOFTWARE DEVELOPMENT ENGINEER | DAATO

Oct 2022 - Present | Germany

- Single handedly build external supplier metrics and risk assessment integration with other risk assessment partners from architecture design to implementation
- Maintained and extended existing localization integration with react-i18next to manage German and English localization
- Successfully migrated authentication services from Auth0 to Keycloak, resulting in a significant improvement in user flow and a substantial reduction in authentication costs, demonstrating expertise in system optimization and cost-effective solutions.

### SOFTWARE DEVELOPMENT ENGINEER | SHORCASTLE

January 2021 – Oct 2022 | Singapore

- Enhanced the application's feature to effectively fix the bugs and optimize overall performance, reliability, and efficiency work down 120 user stories.
- Devised performance enhancement to our web application and decreased low-time and size by 70-75%, the sizeable chunk was cached in CloudFront (CDN) and now loads within 3-6 seconds. (previously was 24 Seconds)
- Worked with Jitsi meet API to add additional custom enhancement features and maintenance of our self-hosted servers which improved performance up to 50%.
- Extracted existing component into private npm package and used storybook for documentation which is used to buy 3 other web apps.
- Implemented automated localization processes using locize.io, reducing translation time by 60% and increasing accuracy by 80%.
- Expedited a neural network (Stockfish Chess Engine) to detect cheating behavior among users by handling and analyzing dataset using AWS Lambda functions which resulted in the detection of 90% of cheating behavior
- Developed flutter ios build process singlehandedly and Spearheaded submission approval for ios Appstore and its successful deployment of 10 plus apps on AppStore for our white label clients.
- Automated the whole Process of iOS Deployment and Submission using Fastlane and Github Actions.

### JUNIOR DEVELOPER | STACKATECH

August 2020 – January 2021 | India

- Worked with Kotlin and angular developer to provide API and fixed bugs of the backend API server.
- Undertook responsibility as a tear-down engineer in companies foreclosure

## PROJECTS

### PATHFINDING VISUALIZER | NODE.JS, REACT.JS

January 2022

- This application visualizes Dijkstra's Algorithm: the father of pathfinding algorithms; which guarantees the shortest path
- Also shows us Greedy Best-first Search : a faster, more heuristic-heavy version of A\* search algorithm; does not guarantee the shortest path

## SKILLS

### PROGRAMMING

Proficient:

• Javascript • Typescript  
SQL • MongoDB • Dart • Swift  
• C • Typescript

Experienced:

Javascript • Flutter •  
Postgresql • Typescript

Familiar:

Java • Shell • Assembly

### LIBRARIES/FRAMEWORKS

Node.js • Express • React •  
Flutter • SwiftUI • NextJS •  
Socket io • Firebase • MobX.js  
• Mobx.dart • Redux •  
Google/zx • Prisma

### TOOLS/PLATFORMS

Git • AWS • Slack  
• Fastlane • Docker •  
Kubernetes • Jira • Retool

### AWS

ECS • S3 • Lambda • ELS  
EC2 • SQS • CFN • Elastic  
Cache • DynamoDb

## EDUCATION

### INDIRA GANDHI OPEN UNIVERSITY

BACHELOR'S IN HOTEL MANAGEMENT

June 2017 - March 2020

### PACKAPEER ACADEMY


MERN STACK BOOTCAMP


January 2020 - July 2020 | Calicut

## REFERENCES

**Nagappan Nachiappan**, CTO at  
Shortcastle Technologies

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