

Mahesh Kumar Srinivas

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SUMMARY OF QUALIFICATION

- Dedicated and skilled software developer with two years of professional experience in designing, developing, and maintaining backend APIs to support various applications and services
- Strong problem-solving and debugging skills with a proven track record of delivering high-quality code, acknowledged by my team mentor and team lead during my work.
- Constant desire to learn more and understand how and why things work the way they do as demonstrated in projects

EDUCATION

- **Masters in Computer Science** – Washington State University, Pullman May 2025
- **Bachelor of engineering in Information Science** - B.N.M.I.T, Bengaluru; 8.73 GPA Aug 2021

SKILLS

- **Languages:** Java, Python, C++, Groovy, R
- **Database:** MySQL, MongoDB, Firebase
- **Cloud:** AWS, Microsoft Azure
- **Operating System:** Windows, Linux
- **Others:** SpringBoot, Hibernate, GIT, Docker, Kubernetes, REST, HTML, CSS, Flask, Django, GitLab, IntelliJ

WORK EXPERIENCE

Perfios Software Solutions Pvt. Ltd, Software Development Engineer (SDE) Aug 2022 - Aug 2023

- Designed and developed a new microservice using Spring Boot for KYC-related APIs, enabling the implementation of KYC features in the existing application, resulting in the addition of two new clients
- Dockerized existing microservices, reducing deployment time by 30% and facilitating faster migration
- Collaborated with product managers to identify and build new features in the existing application, delivering them with minimal bugs and issues
- Created a shell script to automate OpenVPN connections, significantly reducing the connection time for coworkers
- Proactively handled bugs by analysing code flows and resolving issues raised by QA teams, contributing to improved software quality
- Mentored junior team members, assisting them in bug resolution and issue troubleshooting, contributing to the team's knowledge sharing and growth

ThoughtClan Technologies Pvt. Ltd, Software Engineer Aug 2021 - Aug 2022

- Designed and developed RESTful APIs using Spring Boot in alignment with application requirements
- Collaborated closely with front-end developers to seamlessly integrate and adjust these APIs to ensure a user-centric experience
- Innovatively crafted a Python program to automate a manual task, previously performed manually. This automation significantly reduced task completion time, optimizing overall efficiency
- Contributed to the enhancement of application performance and stability by effectively debugging APIs and addressing issues, resulting in a smoother user experience and improved system reliability

PROJECTS

Performance analysis of a Cricketer by Data-Visualization, B.N.M.I.T Aug 2020 - May 2021

- Cleaned and pre-processed the dataset obtained from Kaggle, employing various data cleaning techniques to enhance accuracy
- Developed multiple machine learning regression models in Azure ML Studio, utilizing the cleaned data. Selected the best-performing model (Boosted Decision Tree), achieving an 83% accuracy rate in predicting player scores
- Implemented APIs necessary for building a dedicated website, utilizing the Flask framework

Book store, Personal project Sep 2021- Nov 2021

- Designed a comprehensive and well-structured API architecture to support various features of the book store application using Spring boot

Newsbix - News Reader Application, Personal Project Feb 2020 - Apr 2020

- Designed a car prototype by integrating IoT components, including the HC-05 module and an ultrasonic sensor. Furthermore, developed a voice-controlled system to operate the car, leveraging an Arduino UNO

Voice Controlled Car, B.N.M.I.T Aug 2019 - Nov 2019

- Designed a car prototype by integrating IoT components, including the HC-05 module and an ultrasonic sensor. Furthermore, developed a voice-controlled system to operate the car, leveraging an Arduino UNO