

Prathap S

+91 9345749329 | prathapshanmugam5@gmail.com | <https://www.linkedin.com/in/prathap-shanmugam-b/> | <https://github.com/prathap-oasys>

SUMMARY

Results-driven Software Developer with expertise in Java Spring Boot, Angular, and MySQL. Skilled in building scalable applications and enhancing user experiences through innovative solutions.

TECHNICAL SKILLS

Programming Languages: Java, JavaScript

Frameworks: Angular, Spring Boot, ExpressJS

Tools: Github, Docker, Jenkins, Postman

Database: MySQL, MongoDB

PROJECTS

Image Captioning System

Jan 2023 – Present

Deep Learning Project

Python, TensorFlow, OpenCV

- Developed and maintained Java Spring Boot APIs, ensuring high performance, security, and scalability
- Utilized CNN and LSTM models for image feature extraction and caption generation
- Achieved state-of-the-art performance on the COCO dataset

Sentiment Analysis API

Aug 2022 – Dec 2022

Natural Language Processing

Python, Flask, NLTK, Hugging Face

- Built a RESTful API for sentiment analysis of text data
- Implemented pre-trained transformer models using Hugging Face
- Deployed the API on a cloud platform for easy integration

EXPERIENCE

Software Developer

Aug 2023 – Current

Oasys Cybernetics Pvt Ltd

Chennai, IN

- Developed and maintained robust Java Spring Boot APIs, ensuring high performance and scalability.
- Built dynamic front-end applications using Angular, enhancing user experience and interface design.
- Designed and optimized database schemas and queries with MySQL to support efficient data retrieval and storage
- Integrated front-end and back-end components for seamless user interactions and data handling.
- Collaborated with cross-functional teams to define project requirements, deliver technical solutions, and implement enhancements.
- Conducted unit testing and performed debugging to identify and resolve issues, improving software reliability and performance.
- Utilized version control systems (e.g., Git) to manage codebase and coordinate development efforts within the team.

EDUCATION

Jayaram College of Engineering and Technology/ Affiliated Anna University

Pagalavadi., Trichy

B.E in Computer Science and Engineering with 7.5 CGPA

2017 - 2021

E.R higher secondary school / State board

Anna salai, Trichy

Computer science / HSC 74.3

2017

CERTIFICATIONS

- DDUGKY- Application Developer - Web Mobile (SSC/Q8403) conforming to National Skills Qualifications Framework Level - 6