

Pradeep N C

+91-9742625036 · pradeepnaidu2486@gmail.com · @Portfolio Website @Github
Electronics city, Bangalore 560-100



AGENDA

A tech Enthusiast Expertise in Java backend developement. with deep knowledge and good fundamentals in database systems, data structures and algorithms, cloud(AWS) and linux worked on some advanced real world projects. Ready to adapt to any development role and tech stack. with good problem solving and hard working, dedicated to finish any challenges provided.

KEY SKILLS

AWS - EC2, RDS, EBS, ELB.. etc	SPRING - SECURITY, REST, JPA	JAVA
OS - Linux	ANGULAR, REACT	TYPESCRIPT
Git, Github	KAFKA	OPENAI API, META API, GEN AI
Object Oriented Programming	REDIS	DATABASE - Psql, Mongo, sql

PROJECTS

MAJOR PROJECT MCA

SMART COMMERCE - (SPRING - JAVA , ANGULAR)

- Designed and implemented a stateless integration framework that facilitated the incorporation of diverse backend systems without compromising data integrity; this approach streamlined onboarding processes and decreased integration time.
- Used kafka to asynchronously communicate and handle producer consumer problems while communication between multiple backends
- Built using best practices used microservices to build the services for backend

PROFESSIONAL EXPERIENCE

DriveMo

January 2024 - May 2024

Backend Developer Intern (Duration - 4 months)

Summary - DriveMo is a product based startup focussed on creating applications which helps in automating and making easier access for the user to get their vehicle servive done. DriveMo has multiple service center as clients.

Learning experience - Learnt system design, building scalable applications, advanced caching, security.

Tech stack - Nextjs, spring boot, postgresql, azure, Flutter, docker, Kubernetes, devtron for CI/CD.

- Worked on designing object oriented design and best practices of designing jpa schemas using spring boot and relational database(Postgresql)
- Work on creating and maintaining Java Spring Boot applications intially also contributed in nextjs application
- Worked on building optimised Frontend application using nextJs
- Worked on designing, implementing, and testing new features and functionality
- Worked on developing robust and scalable REST APIs
- Worked on various aspects such as routing, error handling, and data validation
- Learnt to use and master a variety of modern technologies and tools such as Kafka,Redis, PostgreSQL, and Kubernetes

Associate Product Developer - Remote

Summary - Skooly is a product based subventure of Finoculus. Which mainly focus on providing school and course management application for multiple schools.

Learning experience - Learnt using open ai to create custom gpts for multiple schools, Meta api whatsapp and instagram business account integration to custom LLM's, System design, caching, NOSQL

Project 1 - Skoolyomni.

Description - Skoolyomni is the project completely designed and developed by me. Skoolyomni is a Generative ai chat bot for their home page. developed using spring boot, open ai api and angular

Tech stack - Angular, spring boot, MongoDB, AWS, Jenkins, for CI/CD.

Learning experience - Learnt to use open ai and create custom gpt programatically and customise it.

- Design and developed Chatbot using angular and spring boot also used openai api for generative ai
- Constructed a robust system architecture emphasizing caching strategies, which optimized data retrieval speed by 90% and supported handling more users.
- Orchestrated training sessions on AI implementation techniques, leading to knowledge transfer for many staff and enhancing overall staff capabilities in AI-driven customer engagement strategies.
- Learnt to use and master a variety of modern technologies and tools such Redis, Jenkins, NOSQL

Project 2 - SchoolAiBot.

Description - SchoolAiBot is the project completely designed and developed by me. School AiBot application provides generative ai chatbot features, custom gpt, whatsapp, instagram, messenger business api integration to open ai custom gpt. all managed and synchronised in Schoolaibot backend. developed using spring boot, open ai api and angular.

Tech stack - Angular, spring boot, MongoDB, AWS, Jenkins, for CI/CD.

Learning experience - Learnt to automate whatsapp and Instagram account using meta api. learnt to integrate custom gpt to whatsapp and instagram as it provide custom generative ai response.

- Designed and integrated Meta business api includes - whatsapp, instagram, for multiple schools.
- Designed the reusable chatbot plugin using angular and iframe.
- Optimised the application using caching such as redis. as there is frequent chats saved in In-memory datastructure such as redis and update to database on TTL for better performance.

CERTIFICATIONS

- [Spring Boot 3, Spring 6 & Hibernate for Beginners](#)

ON-GOING CERTIFICATIONS

- AWS DEVELOPER ASSOCIATE
- SPRING SECURITY - JWT, OAUTH, KEYCLOACK, SPRING AUTHORIZATION SERVER
- SPRING MICROSERVICES USING DOCKER KUBERNETES

Miscellaneous Projects - Golang Projects, Java projects, Bash and Automation Scripts, etc

- [Github Link](#)

EDUCATION**MCA (Master of Computer Applications)**

Majors: Cloud Services and Web Technologies
Pes University

BCA (Bachelor of Computer Application)

St Francis De sales college (Bangalore University)

EXTRACURRICULAR ACTIVITIES**Sports**

Participated in several Local Cricket tournaments and won Team 1st place

Ncc

Won Gold medal in Drill competition for 3 members drill