

Nithin K N

Software Development Engineer - 3

567, BTM 2nd Stage
Bangalore - 560076

+91 - 6363608603
nithinknjain@gmail.com
linkedin.com/in/nithinknjain/

OVERVIEW

To secure a challenging **Full Stack Developer** role in a competitive environment, where I can apply my innovative thinking to solve complex problems. With a strong experience in planning and building new prototypes and products from scratch for both **B2B** and **B2C** markets

WORK EXPERIENCE

HIVER | JUNE 2022 - JUNE 2023 SOFTWARE DEVELOPMENT ENGINEER - 3

- Spearheaded the comprehensive decomposition of projects into multiple releases and user stories, ensuring meticulous **project management** and fostering streamlined development processes for optimal efficiency.
- Developed comprehensive design and technical documentation, leveraging industry-standard methodologies such as **UML** and **architectural patterns** to guide the development team.
- Catalysed the adoption of Agile methodology, championing the adoption of Scrum practices, **iterative** and **incremental** development approaches, and cross-functional collaboration.
- Championed the design and development of a scalable micro-service by leveraging **FastAPI**, a **Python** web framework, and seamlessly integrating it with **MySQL** to deliver robust solutions.
- Demonstrated expertise in **Kafka** for scalable event streaming, **Kubernetes**, and **Docker** for efficient containerisation and deployment, showcasing proficiency in building robust and scalable solutions.
- Employed performance optimisation techniques, including query optimisation, **indexing**, and **caching**, to enhance system performance and minimize response time.
- Leveraged the power of WebSockets, to establish real-time bidirectional data transfer, empowering users with instantaneous message exchange and eliminating the need for page refreshes.

WHATFIX | AUGUST 2021 - MAY 2022 SOFTWARE DEVELOPMENT ENGINEER - 2

- Implemented customer-facing language translation feature using **Java**, **Spring Boot**, showcasing expertise in building robust solutions for seamless multilingual experiences.
- Led the design and development of a micro-service architecture with **component-based** design and **asynchronous** capabilities, ensuring high availability and scalability of the product.
- Developed new functional components utilising cutting-edge technologies, including **React Hooks** and **Context API**, to drive innovation and enhance user experience.

EDUCATION

PESIT | 2013 - 2017 BE in CSE

Alvas | 2011 - 2013 PCME

SKILLS

- Java, Python, JavaScript
- React, Typescript, NodeJs
- mongoDB, MySQL, redis
- elasticSearch, Kafka
- docker, kubernetes
- AWS (S3, EC2, RDS)
- HTML, CSS, SCSS
- LogStash, Kibana
- git, bitBucket
- macOS, Linux, windows

ACHIEVEMENTS

- Was awarded **Employee of the quarter** award twice in a row for my exceptional handling of product requirements.
- Received recognition for demonstrating creativity, initiative, and teamwork, and for delivering high-quality results within tight deadlines.

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WORK EXPERIENCE

GOODERA | JULY 2017 - JULY 2021

SENIOR SOFTWARE ENGINEER

- Devised a comprehensive service architecture for API endpoints utilising **NodeJs**, **Redis**, and **MongoDB**, culminating in an impressive **40%** decrease in system load and a remarkable **50%** reduction in response time.
- Contributed to the development and maintenance of a volunteer management platform using **Java** and **Spring Boot**, empowering clients and corporate organisations to facilitate employee participation in diverse volunteering events.
- Architected and engineered a cutting-edge **ReactJs** web application for interactive dashboards, yielding a remarkable **60%** decrease in critical P0 and P1 bugs, amplifying system robustness and elevating the end-user experience.
- Orchestrated and deployed **Dockerized** containers of micro-services and cloud applications on **Kubernetes**, enabling **auto-scaling** and reducing **AWS** resource consumption.
- Engineered and upheld robust **CI/CD** pipelines leveraging **Jenkins**, empowering swift and automated software release deployments, streamlining the development lifecycle, and fostering continuous integration and delivery practices.
- Implemented and sustained comprehensive **unit** and **integration testing** suites, safeguarding superior code quality and minimising regression issues, resulting in enhanced software reliability and streamlined development processes.
- Provided **mentorship** and guidance to junior developers, while meticulously conducting code reviews to ensure strict adherence to design principles and stringent code quality standards, resulting in optimised codebase and development practices.

NEXTGENPMS | JAN 2017 - JUNE 2017

INTERN

- Implemented dynamic and interactive dashboards using **HTML**, **CSS**, and **JavaScript**, enabling users to visualize and analyse data effectively.
- Assisted senior developers in troubleshooting technical issues and optimising system performance.
- Developed dashboards using libraries such as **Bootstrap**, **jQuery**, and **D3.js**, resulting in dynamic and interactive visualizations of data.
- Conducted testing and debugging of code, ensuring high code quality and minimizing regression

LANGUAGES

