Nishant Avasthi

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SOFTWARE ENGINEER

With **3 years of experience**, I possess strong proficiency in **Java, C++, SpringBoot, Rest API, React JS, Node JS, Microservices, Data Structures, and Algorithms**. My skills extend to producing quality documentation and adeptly managing conflicts to foster consensus. I thrive in startup environments, exhibiting high levels of ownership and commitment. Notably, I have architected high-level designs and implemented detailed backend services, prioritizing reliability and scalability throughout.

EDUCATION

NIT PATNA   PATNA, BR, INDIA
B.Tech in Computer Science and Engineering   *Jul 2016 – Jul 2020*

EXPERIENCE

Ignitarium Technology solutions   Feb 2024 - Present
Engineer   *BANGALORE, KA, INDIA*

- Leveraging my expertise in C++ and Java, cultivating a deep understanding of its intricacies and its potential applications in low-level programming. Additionally, I am actively pursuing personal projects and coursework to expand my knowledge specifically in kernels and embedded systems.

Cognizant Technology solutions   2020-2023
Software Engineer   *CHENNAI, TN, INDIA*

- worked(clients) with **PAYPAL** and **USBANK Corp .** Created testing platform for internal developers, A full-stack application using Java, Spring Boot, react JS, Node JS, and Microservices architecture., My efforts resulted in a remarkable increase in code coverage to 90%.
- Worked on legacy codes which are in C++ for some applications, REST APIs to retrieve and display data from databases. Integrated databases to store and retrieve data efficiently
- Implemented automated testing and continuous integration processes using tools like Jenkins and Git.
- Worked with Agile methodologies, participating in daily stand-ups, sprint planning, and retrospective meetings.

WorldQuant   2019- 2019
Research Consultant - Part-time   *Remote, INDIA*

- As a Virtual Research Consultant at WorldQuant, This role allowed me to leverage my quantitative skills and analytical mindset to create and refine alpha models aimed at extracting value from financial markets, contributing to the continuous refinement and enhancement of trading strategies at WorldQuant.

TECHNICAL SKILLS

Languages	:	Java 8, C++, C, Javascript, HTML, CSS, Python, Data Structure and Algorithm
Frameworks	:	Springboot, React JS, Express JS, Node JS, Raptor, Docker, Microservices architecture, Maven
Databases	:	MySql, MongoDB(NoSQL)
Testing	:	JUnit, TestNG
Others	:	Linux, Visual Studio Code, Git, Jenkins, Postman, ELK stack, PagerDuty, Google Cloud Platform (GCP), Git, Maven, Jenkins, Servlets, Hibernate, Eureka, CSS 3.0, Spulnk, Rest API, System Design (HLD & LLD), SoapAPI, GraphQL, Swaggerhub, SonarQube, Artifactory, Kafka, Multithreading

PROJECTS

Job Recommendation System
Developed a model which recommends jobs to job seekers based on their skills, experience, locations, etc. using techniques like tfidf Vectorizer, CountVectorizer, and Cosine Similarity for finding similar jobs

Emotion Recognition Using Speech Signal
Build Machine Learning model that gives Prediction of anger, disgust, fear, happiness, sadness, and surprise on the new dataset to the highest possible degree of accuracy