Avinash Kumar

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⌂ https://github.com/Avinashkumar2658?tab=repositories | in https://www.linkedin.com/in/avinash-kumar-b21303172/

1 Skills

Languages: C/C++, Java, JavaScript, TypeScript, SQL, HTML, CSS
Technologies & Tools: Hibernate, Spring Boot, Angular, React, Bootstrap, Cloud, Kafka, Mulesoft, Git

2 Work Experience

Persistent - Senior Software Engineer   June 2022 - Present

Java   Mar 2024 - Present

- This is a tech stack upgrade project from Java 1.7 to Java 18 which is a scheduler-based application used to sync up large chunks of real-time data across data storage platforms.
- Developed application using Spring boot framework, used Hibernate ORM tools for mapping between SQL databases and Objects, and implemented proper logging framework which helps for debugging the code smoothly on prod.
- Optimized code logic, customized exception handling framework, multi-threading, garbage collection, and database queries which lead to reducing server load and improving overall application performance.
- Prepared class diagram, component diagram, and solution design documentation of each use case.

Java - Angular   June 2022 - Feb 2024

- Implemented the robust web application for a reputed organization's industrial automation product using Angular, Ag-Grid, Spring Boot, Bootstrap, and Azure Cloud.
- Integrated the web application with query engines such as Trino/Starburst service and with open telemetry-based user interfaces and technologies such as Kaoto and PatternFLY.
- Worked and implemented advanced responsive web designing with features of Infinite scrolling, and dynamic responsive components.
- Achieved 85 percent code coverage using Karma and Jasmine for unit testing.

3 Internship Work | LINK

- **Real It Solution** (January 2021 - Dec 2021): Developed freighter commodity delivery application from scratch using Angular 13, Bootstrap, Spring Boot, and Azure technology. Created many components such as wire-frame builder that help to create any type of customized form by drag-dropping the listed item from the menu and editing the created form, and price calculator billing downloadable pdf component that is sent to the trader mail. Automate start-to-end commodities delivery tasks which reduces human cost by more than 50 percent.
- **Persistent Systems** (Dec 2021 - May 2022): Worked on Asset management and tracking internal applications using Angular 9, Clarity UI, Spring Boot, and Azure Cloud which is a customized application used for maintaining records of assets of persistent limited. Learn and prepare detailed design documents for each use case. Passed advanced objective coding assessment and on-time mini-project implementation within 6 hrs with **A** grade in each.

4 Personal Project Work | LINK

- **LNCTSTUDENTSITE** (2020): Developed real-time web-based application to help college colleagues during the COVID-19 pandemic Used Angular, Bootstrap, HTML, CSS, Spring Boot, Hibernate, and AWS for Host. In this application, users register themselves as Students, Alumni, Tnp, Exam department, Teachers, and Admin(will be active after approval from OSD). Users can share any type of relevant material such as notes, exam notice plans, placement guides, etc, and can ask doubt or take guidance from seniors or alumni under the query section.
- **Personal Ledger Account** (2019): Developed the web application to Manage Income and Expenses from various categories using Angular, Bootstrap, HTML, CSS, Spring Boot, and Hibernate. The user creates their category on their needs and maintains it as a diary for record purposes.

5 Achievements and Certificates | LINK

- **600+ questions solved on leetcode** ↗
- **Azure Cloud computing fundamental**
- **Persistent Top Talent 2024**
- **Persistent Bravo award**
- **Programming in CPP** and **DSA using Java** (NPTEL)

6 Education

LNCT Bhopal   Aug 2018 - Jun 2022
B.Tech in Computer Science and Engineering   *CGPA: 9.08/10*