Mail Logo" Images – Browse 223 Stock Photos, Vectors, and ...A blue phone in a circle

Description automatically generated **Kushal Sheth (B.Tech – Information & Communication Technology | DAIICT)**

<https://www.linkedin.com/in/sheth18/> **+91-7435989810** [kushalsheth212@gmail.com](mailto:kushalsheth212@gmail.com)

An experienced Backend **Developer** with strong skills in **Java, Spring Boot, MongoDB, DynamoDB**, and **Elasticsearch**. Specialize in creating scalable and efficient applications using Spring Boot and Java. Have expertise in building **RESTful APIs, microservices architecture, and optimizing databases**.

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| **Key Skills** |

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| **C, C++, Java | Spring-boot | MongoDB, DynamoDB, Elasticsearch | PostgreSQL | Git, Postman** |

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| **Internship** |

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| |  |  | | --- | --- | | **Tekion India Private Limited (Winter Internship)**  Title: **Lookup Service Enhancement, API Aggregator Service** | *January '23 – July '23 (25 Weeks)* |   Addressed security and privacy concerns in Tekion's Lookup Service by implementing the following solution:   * **API Aggregator Service**: Created a central service that handles data requests, checks permissions, and coordinates with related services. * **Graph-based data storage**: Designed a Directed Acyclic Graph (DAG) structure to capture specific data needed for each UI call, reducing unnecessary retrieval. * **Authorization and permissions**: Improved user permission verification process to enhance security by ensuring that only authorized users have access to requested data. * **Backend integration**: Services now call the API Aggregator Service's client, which manages communication and data retrieval. * **Data optimization & Client Integration:** By retrieving only required fields, performance is improved, and sensitive information exposure is minimized. The API Aggregator Service's client dependencies are added to all services for seamless integration. * **UI and backend interaction:** The UI makes requests to the backend service, which communicates with the API Aggregator Service's client for data retrieval and processing. |

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| **Education** |

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| **Year** | **Qualification** | **Institute** | **CGPA/ %** |
| 2023 | B.Tech (ICT) | Dhirubhai Ambani Institute of Information and Communication Technology (DAIICT) | 7.48/10 |
| 2019 | XII, GHSEB | D.N. High School, Anand | 94.00 |
| 2017 | X, GSEB | D.N. High School, Anand | 89.5 |

* Secured **225th rank** Gujarat 12th standard examination, 2019.
* 4 star at Codechef ( Rating: 1813) ([Codechef Profile](https://www.codechef.com/users/kushal_sheth))
* Specialist at CodeForces( Rating: 1477) ([Codeforces Profile](https://codeforces.com/profile/non_zero))
* Solved 500+ problems on LeetCode(Rating: 1530) ([Leetcode Profile](https://leetcode.com/kushal_sheth))

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| **Academic Projects** |

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| **Cricket Game**  **(Java, Springboot, MongoDB)** | Developed a backend application for comprehensive real-time match tracking, analysis of match results, and assessment of individual player performance, providing users with a robust scoreboard experience.  *(January 2023 – March 2023)* |
| **ATM machine**  **(Core Java)** | Developed a backend application enabling users to deposit, withdraw, and check account balances, ensuring a seamless banking experience.  *(June 2021 – July 2021)* |

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| **Position of Responsibility** |

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| **Coordinator - Tech fest** | * **Coordinated coding competition organised by DAIICT I-Fest committee***. September-2020* |
| **Member – Student Body Government** | * **Student body of DAIICT which allocates the budget to all the different committees.**   *April 2021 – March 2022* |

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| **Key Interests** |

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| **Playing Sports** | |  | | --- | | * Take active interest in activities like Volleyball, Cricket & Table Tennis | |