SYED WAJAHAT HUSAIN ABDI

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EDUCATION

Integral University   **Lucknow, India**
B.Tech in Computer Science   *2016-2020*
- CGPA: 7.96

Lucknow Christian College   **Lucknow, India**
XII, UP Board   *2014-2015*
- Grade: 64%

TECHNICAL SKILLS

- **Languages:** Java, JavaScript, C++, HTML5, CSS
- **Frameworks and Libraries:** Spring Boot, React.js, Bootstrap, Material UI
- **Databases and Tools:** PostgreSQL, MariaDB
- **Other:** RESTful APIs, Kafka, Git, Docker, Microservices, Maven, Gradle, XML, JSON, Postman, Swagger, GitHub Copilot

PROFESSIONAL EXPERIENCE

Tata Elxsi - Senior Engineer   **January 2025 - Present**
Jio - BP
- Developed a low-code platform enabling users to register APIs via intuitive forms; integrated Kafka for real-time data streaming, consumption, production, and implemented scheduling for automated API requests with dynamic start/stop controls.
- Developed a fund allocation feature via the payment gateway, enabling seamless transfers to the manager's account.
- Implemented trip financing and trip card functionalities, enabling managers to allocate funds directly to drivers' trip cards for secure, cashless fuel and non-fuel purchases related to assigned vehicles.
- Designed and built transaction reporting with consolidated and date-range-based insights for enhanced financial tracking.
- **Technologies:** Java, Spring Boot, PostgreSQL, Micro services, Kafka, Docker

Criterion Tech - Software Engineer   **September 2022 - December 2024**
Medvantage - Healthcare Software
- Contributed to securing ONC certification for Medvantage software, enabling market launch in the USA.
- Engineered back-end integration of FHIR (Fast Healthcare Interoperability Resources) and HL7 standards for enhanced healthcare interoperability.
- Developed RESTful APIs and seamlessly integrated them with front-end applications to ensure efficient communication and smooth user experiences.
- Built a real-time group chat system for simultaneous user communication.
- Built an email integration to streamline patient data sharing and communication within the system, meeting HIPAA compliance.
- **Technologies:** Java, Spring Boot, PostgreSQL, HTML5, CSS3, JavaScript, React.js, Bootstrap

Tata Consultancy Services - Assistance System Engineer   **Apr 2021 - Aug 2022**
Dupont
- Developed RESTful APIs using Java and Spring Boot for seamless backend integration.
- Developed user stories and implemented RESTful services for robust data exchange.
- Integrated Java applications with databases using Hibernate/JPA for efficient data management.

PROJECTS

ChatBuddy: GitHub Repository
- Pioneered digital transformation by developing a real-time chatbot with ReactJS, Node.js, MongoDB, Express.js, and OpenAI API.
- Developed a cutting-edge solution that seamlessly integrated diverse technologies, resulting in a highly advanced chatbot.

Enchantio Shop: GitHub Repository
- Built a full-stack e-commerce web app with user authentication, using ReactJS, ExpressJS, and MongoDB.
- Implemented back-end functionalities with ExpressJS and MongoDB, supporting CRUD operations.
- Integrated Stripe for secure payments, ensuring reliable and protected financial transactions.

ACHIEVEMENTS

- **TCS CodeVita:** Ranked 5820th out of 55654 participants.
- **Udemy Certification:** Certified in Web Development.
- **Hero MotoCorp Campus Challenge:** Top 60 among 32,000 teams.
- **Digipodium Certification:** Proficient in Data Visualization.

LEADERSHIP AND VOLUNTEERING

- Founder & Member of IUCC Programming Club (2018-2020).
- Volunteered at University's Annual Tech-fest; served as Chief Coordinator for the Enigma IT Quiz (2018, 2019).