ISHAAN SHARMA

3yr Work Permit(OPT) | Newark, NJ | eshaansharma3@gmail.com | +1 (332) 251-1600 | www.linkedin.com/in/isharma25

Dynamic and versatile **6+ year experienced IT Professional** with a successful track record in designing and implementing end-to-end technical solutions. Strong background in backend development, API integration, and cloud technologies (AWS, GCP). Effective communicator with a passion for solving complex problems, leading cross-functional teams, streamlining processes, and delivering results in fast-paced environments.

SKILLS

- **Languages:** Java, Python, JavaScript, C++, Shell Scripting, HTML, CSS
- **Databases:** MSSQL, PostgreSQL, Redis, Elasticsearch, MongoDB, Neo4J
- **Frameworks/Libraries:** Springboot, Spring MVC, Hibernate, AngularTS, NodeJS, Express, RPA, JavaEE
- **Tools:** Docker, Kafka, K8, Amazon Web Services (S3, EC2, Lambda, RDS, SNS), Google Cloud Platform (GCP)
- **Miscellaneous:** MQTT, Github Copilot, REST APIs, Object Oriented Design, Query planning & execution, Agile
- **Core Competencies:** Data Structures, Algorithms, Microservices Architecture, AI, Machine Learning, LLM

EXPERIENCE

CAR Lab, Rutgers University, Newark, USA   **Sep'24 – Present**
Software Engineer
- Developed Rutgers Exam Check Platform with Google AI integration for scoring assignments and quizzes.
- Single-handedly managing integrations and end-to-end deployment of the BYOC platform (byoc.rutgers.edu).

PeopleStrong Technologies- Bangalore, India.   **May'24-Aug'24**
Software Development Engineer - 3
- Led the **AltBuilder No-Code Platform Product**, creating distributed systems using **Java**, **Spring Boot**, **Kafka**, **PostgreSQL** for highly reliable workflows
- Enabled multi-threaded, real-time, and concurrent processing of customer support data, optimizing **response times by over 70%** and **payload by 80% to increase throughput.**
- Adapted to rapidly evolving technology by learning and applying **reactive programming patterns**, which improved system responsiveness and developer efficiency.

Software Development Engineer - 2   **July'22- May'24**
- Developed an AI-driven customer support system with Hugging Face within Zendesk ticket management, cutting **Support Engineers' workload by 40%.**
- Built **end-to-end, RESTful microservices** for a **No-Code Platform**, using drag-n-drop Components, implementing rigorous testing and ensuring test-driven development with Junit.
- Collaborated across teams in agile project management (Scrum, Kanban), ensuring continuous integration and deployment with Jenkins.

Oye! Rickshaw- Gurgaon, India   **Jan'21 - July'22**
Software Development Engineer - 2
- Developed Java-based microservices using **Kafka Streams, MQTT, and Redis**, enhancing transaction processing capabilities to support **~1 millions of daily transactions**.
- Built Delivery Service(Java 11) for on-boarding clients, fulfilment, driver payouts, driver's auto check-in functionality with Uber H3, which streamlined operations and improved efficiency.
- Designed and implemented Doctor-Patient healthcare chatbot, deploying a backend-driven architecture on **SAP BTP Cloud Foundry,** which improved system efficiency and user experience.

Infosys Limited- Bangalore, India   **Oct'18 - Jan'21**
Systems Engineer
- Collaborated with the American Express GCP team to successfully migrate and redesign the application from a monolithic to a microservice architecture, enhancing system scalability and maintainability

EDUCATION

RUTGERS UNIVERSITY   **May 2025**
Master of Information Technology
- Coursework: Data Structures and Algorithms, Software Development, Advanced Database Systems, Game Theory, Introduction to Artificial Intelligence (AI), Machine Learning, Data Mining, Business Database Management

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES- Dehradun, India   **June 2018**
Bachelor of Technology in Electronics