**SHRESHTH KHANDELWAL**

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**WORK EXPERIENCE**

**AVIS BUDGET GROUP Bengaluru, India**

**Software Developer January 2025-Present**

* Played a pivotal role in a dynamic live project developed in **Java** and **Spring Boot**, employing a **microservices architecture** with over 50+ microservices hosted on AWS Cloud.
* Managed, processed, and stored large data volumes by utilizing **Apache Kafka** and **Multithreading**, ensuring streamlined data flow and real-time processing.
* Coded responsive web design in JavaScript/Typescript, Bootstrap, HTML5 and CSS3 using **Angular.js** framework..
* Resolved complex business challenges and delivered 5+ critical proofs of concept in **Agile**.
* Engineered Kafka and RabbitMQ pipelines, increasing client **profits by €700,000** annually.
* Integrated a Vehicle Locator service, resulting in real-time location tracking for more than 50,000 vehicles in the fleet.
* Successfully integrated Apache Pulsar to **safeguard $14 million** in annual revenue which ensured continuity for 32% of fleet operations.

**TATA CONSULTANCY SERVICES Delhi, India**

**Software Developer July 2022-December 2024**

* Worked on **Java** and **Spring Boot** based projects.
* Skilled in **SQL** and **NoSQL** databases, with expertise in retrieving and storing data using **PostgreSQL**.
* Developed **15+ microservices** from the ground up, with a focus on **RESTful services** and deploying them using **CI/CD** pipelines.
* Utilized JavaScript/Typescript, Bootstrap, HTML5 and CSS3 using **Angular.js** framework for front-end development.
* Integrated **RabbitMQ** messaging stream, capturing data for 20% of the fleet's information, enhancing data tracking and connectivity.
* Implemented significant features, enhancements, and **AWS** integrations for **S3**, while ensuring code quality through rigorous **testing**.

**WEBCUBE New Delhi, India**

**DL Intern November 2021-December 2021**

* Built an advanced **Computer Vision** Virtual Try-On Models.
* Analyzed data from 15000 monthly active users and used outputs to guide marketing and product strategies;
* Utilized Python, Sklearn, and PyTorch to implement state-of-the-art algorithms, with **80% of model accuracy** resulting in 40% increase in user engagement.

**NEEM TREE AGRO SOLUTIONS New Delhi, India**

**ML Intern July 2021-August 2021**

* Worked on **Long Short-Term Memory** (LSTM) models for time series analysis, resulting in a 25% improvement in forecast accuracy and a 20% reduction in prediction error.
* Leveraged Sklearn, Python, and Statsmodels to develop predictive models for 5+ business applications.

**EDUCATION**

**BHARATI VIDYAPEETH’S COLLEGE OF ENGINEERING, GGSIPU New Delhi, India**

***Bachelor of Technology, Major in Information Technology* August 2018-May 2022**

* GPA: 8.76/10
* **Major Coursework** - Data Structures And Algorithms, Object Oriented Programming Language, Operating System, Database Management System, Artificial Intelligence

**SKILLS**

**Core Java | Spring Boot | Spring Framework | Microservice | RESTful Services | SQL | Apache Kafka | RabbitMQ | Automation | RDBMS | Git | Bitbucket | Software Development | Software Testing | Grafana | CI/CD | Angular | Agile | Prometheus | Hibernate | PostgreSQL | JavaScript | HTML | CSS | JIRA | Docker | Python | ML | DL | C++**

**TRAINING**

**CODING NINJAS New Delhi, India**

Competitive programming, OOPS, Data Structures and Algorithms **June 2020-July 2020**