Shiva Verma

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EXPERIENCE

- **Advintek Pte Ltd** — Noida, UP
  Junior Engineer — *Dec 2021 - Current*
  - **Multi-Instance- Campaign Management System**:
    - Successfully implemented a campaign management system for a client, utilizing horizontal scaling to improve load balancing and overall system performance.
    - Made custom plugins in .NET to integrate with the application, allowing for seamless sending of CSV files containing customer data and HTML templates to the delivering team and executing stored procedures in the database.
    - Implemented change data capture for the system using an Oracle database.
  - **Streamlining Email and Message Delivery with Dot Net and Kafka** :
    - Successfully integrated AWS-MSK with a Dot Net application to optimize the delivery of emails and messages, resulting in improved system performance and speed.
    - Leveraged the Kafka Producer to enable the application to produce and send data asynchronously, significantly reducing latency and improving throughput.
    - Configured the Kafka Consumer to enable the application to consume and process messages in real-time, improving the overall responsiveness of the application.
  - **Back Office Portal Development and Migration for Bank Web Application** :
    - Played a critical role in the development and maintenance of the backend for a back office portal within a bank web application, fixing bugs, implementing new requirements, and ensuring the smooth operation of the application.
    - Successfully migrated the codebase from 2.1 Dot Net to 4.8, enabling the application to take advantage of new features and capabilities while also improving overall performance and stability.

- **Innostax Software Labs** — Gurugram, Haryana
  Associate Software Engineer — *June 2021 - Nov 2021*
  - **Development and Code Migration for Online Learning Web Application** :
    - Contributed by working as full stack developer in Web Application that provides services to the students to enroll in a course for online learning from different universities around the USA.
    - Created API's and integrated the database to develop a user-friendly interface. Worked on Salesforce to manage CRM along with the database.
    - Played a key role in migrating the codebase from Mulesoft flow to Dot Net, improving its performance and scalability.

ACADEMIC PROJECTS

- **Cloud Drive Application**: Developed a cloud drive application using React.js and Firebase, providing users with the ability to store and manage their files in the cloud, users can securely upload and access files from any device with an internet connection. (Mar '20)
- **Audio and Image Steganography**: Image and audio Steganography and Encryption based application built on dot net where people can send messages that are encrypted and hidden in the secret file. (Aug '19)
- **Summer Training- E-Commerce Website**: Made a Website where sellers and buyers both can sell and buy products. (June '18)

TECHNICAL SKILLS

- **Languages**: C-Sharp, Python, JavaScript, Bash, PL/SQL, HTML5, CSS3
- **Frameworks and Libraries**: Dot Net, Node.js, React, Amazon-MSK, Bootstrap
- **Databases**: MSSQL, Oracle database, PostgreSQL, MongoDB
- **Developer Tools**: Git/GitHub, Google firebase, VS Code, Visual Studio, Postman, Swagger, Docker

EDUCATION

- **Amity School of Engineering and Technology, GGSIPU** — Noida, UP
  Bachelor of Technology- Information Technology; GPA: 7.8 — *Aug 2016 - Sep 2020*
- **Dwarka International School** — Delhi, India
  Senior Secondary School — *March 2013 - April 2015*