**Ayushi Parashar**

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**Professional Summary**

A passionate .NET Backend Developer with 1.6 years of experience specializing in backend API development, database optimization, and cloud deployment. Highly skilled in **.NET Core**, **C#**, and **RESTful APIs** with a focus on security, performance, and data integrity. Eager to contribute technical expertise and expand knowledge in full-stack development with React and Blazor.

**Core Skills**

* **Backend Development**
  + Expertise in **.NET Core** and **C#** for building secure and scalable backend services.
  + Proficient in **MVC** architecture and creating **RESTful APIs** using **Swagger/OpenAPI** for seamless integration with frontend systems.
  + Experience implementing **JWT** and **OAuth2** for secure authentication in APIs.
* **Database Management**
  + Proficient in **MSSQL Server**, **PostgreSQL**, and **Oracle** for designing and optimizing databases.
  + Skilled in **Entity Framework Core** for ORM and **Query Optimization** to ensure fast and efficient data retrieval.
  + Experience writing complex SQL queries, stored procedures, and ensuring data integrity.
* **Frontend Development**
  + Hands-on experience with **React**, **Blazor**, and standard web technologies like **HTML**, **CSS**, for building responsive, dynamic interfaces.
  + Knowledge of **Bootstrap** for creating cross-platform and responsive designs.
* **CI/CD & Version Control**
  + Experience with **Git**, **GitHub**, and **Azure DevOps** for version control and managing CI/CD pipelines.
  + Familiar with **GitHub Actions** for automating build, test, and deployment processes.
* **Security & Authentication**
  + Implemented secure data transmission and storage using **AES encryption** and applied best practices for **data encryption**.
  + Designed and implemented secure APIs using **JWT** and **OAuth2** authentication protocols.
* **Shell Scripting & Automation**
  + Familiar with **AIX/Linux shell scripting** for automating server-side tasks and processes.
  + Experience with **SQL automation** for data backups, migrations, and task scheduling.
* **Power BI & Data Analytics**
  + Experienced in creating **Power BI dashboards** and reports for visualizing key business metrics.
  + Able to gather and analyze data from APIs and databases to generate actionable insights.
* **Cloud Technologies**
  + Exposure to **AWS** for deploying and managing cloud-based services and applications.
  + Familiar with serverless computing, cloud storage, and various AWS services.
* **Messaging Queues**
  + Basic knowledge of **Kafka** for implementing event-driven architectures and message-based systems.

**Professional Experience**

**Associate Software Engineer**  
*ICICI Lombard* | *Sep 2024 – Dec 2024*

* Developed backend services and **RESTful APIs** using **.NET Core** for integrating external fraud detection systems.
* Implemented **AES encryption** for secure data transmission between systems.
* Optimized queries and database operations using **PostgreSQL**, ensuring high performance and scalability.
* Collaborated with cross-functional teams to ensure seamless integration of fraud detection data.

**Senior Executive Developer**  
*HDFC ERGO* | *Jun 2023 – Sep 2024*

* Designed and developed an API for **vehicle premium calculation**, utilizing **Oracle DB**, **Entity Framework Core**, and complex business logic.
* Applied **data encryption** and **JWT** authentication to ensure the security of sensitive data.
* Contributed to backend services, optimizing performance and ensuring high-quality code.

**Education**

**Bachelor of Technology (B.Tech)**  
*DCRUST Murthal* | *2014 - 2018*

* Major in Electronics and Communication Engineering (ECE)

**Certifications & Training**

* **Microsoft Azure AZ-204 Certification** (In Progress)
* **AWS Certified Solutions Architect – Associate** (Planned)

**Languages & Tools**

* **Programming Languages**: C#, SQL, Vb.Net, Python (theoretical experience)
* **Database**: MSSQL Server, PostgreSQL, Oracle
* **Tools**: Git, GitHub, Visual Studio, Azure DevOps, Power BI
* **Cloud**: AWS
* **Web Technologies**: React, Blazor, HTML, CSS, Bootstrap
* **Others**: AIX/Linux Shell Scripting, Power BI, JWT, OAuth2

**Key Projects**

* **Fraud Insurance Integration Project**: Integrated fraud detection APIs using **AES encryption** for secure communication between third-party and internal systems.
* **Pick-and-Drop Service API**: Developed a vehicle pickup/drop and premium calculation API using **.NET Core**, **Oracle DB**, and complex business logic for accurate premium calculations.

**Languages**

* English (Fluent)