

# Ajay Kumar

Ziegelwerkstr. 65 Siegen, Germany. (Open to relocate).

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Portfolio: <https://ajay-ebon.vercel.app/>

## EDUCATION.

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### BS Computer Sciences, FAST NUCES, Karachi

2018 - 2022

- Design, defects and restructuring, Object oriented programming.
- Information processing & techniques, Database Systems.
- Information security, Agile software project management.

## WORK EXPERIENCE .

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### Software Engineer.

ValueLink Software, US Remote

10/2023 - 07/2022

- Designed & developed a Business Intelligence (BI) tool using .NET6, Angular & D3.js for data visualization.
- Reduced data retrieval latency by 40% through optimization of gRPC communication protocols.
- Delivered comprehensive training sessions, resulting in a 50% reduction in client onboarding time.
- Improved visualization of data by 30% by introducing Key Performance Index(KPI).

### Junior Software Engineer

Vertika.tv, Karachi, Pakistan

01/2021 - 06/2022

- Migrated Vertika.tv's legacy kiosk system from Flask to Blazor, enhancing performance and scalability.
- Achieved a 50% reduction in page load times, enhancing the user experience and increasing customer satisfaction.
- Utilized Blazor framework for frontend development, ensuring seamless integration with existing backend systems.
- Collaborated with stakeholders to define project requirements and milestones, resulting in a smooth transition process.

## Skills.

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|-------------------------|----------------------|--------------------|
| - .NET 6+               | - Angular            | - MongoDB          |
| - Blazor                | - JS / TS            | - SQL              |
| - MVC                   | - D3.js              | - Sentry           |
| - REST                  | - CQRS               | - SignalR          |
| - gRPC                  | - Clean Architecture | - Azure            |
| - Entity Framework Core | - N-Tier             | - Active Directory |
| - Dapper                | - Identity server 4  | - Elastic Search   |

## Projects.

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### ValueLink Cogent.

A data intelligence platform for appraisal management companies.

**App Tech-Stack:** Angular12, Angular-gRPC, D3.js.

**Server Tech-Stack:** .NET6, gRPC Server, MongoDB, Redis, SignalR, Sentry, Azure Blobs.

### ElasticSearch Microservice

A Data Syncing and Full-Text ElasticSearch Solution.

**Tech-Stack:** .Net 6 Core Web API, Angular, ElasticSearch.Nest, PostgreSQL, Dapper, Kibana, .Net Background Service,Sentry.

## Achievements.

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|---|---------|
| - Best performer of the Quarter (ValueLink) | 03/2023 |
| - Code wars winner (FAST NUCES)             | 11/2018 |