



# Furqan Mehmood

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## ABOUT ME

Bringing 10 years of full-stack development expertise in engineering digital solutions that optimize resource utility and enhance operational efficiency.

## WORK EXPERIENCE

**Parkefficient GmbH** – Düsseldorf, Germany

### Senior Full Stack Developer

[ 01/11/2022 – Current ]

#### Product Development & Support:

- Laravel APIs for **ParkEfficient.de** (B2B parking booking system) and **OfficeEfficient.de** (office space management system).
- Created PHP Filament dashboards.
- Built responsive frontends with Vue.js (Mobile/Web).
- Utilized Leaflet for interactive office space and parking mapping.
- Integrated third-party APIs for real-time parking access.
- SAML

**Linear GmbH** – Aachen, Germany

### Software Developer

[ 01/07/2020 – 28/10/2022 ]

#### Product development & Support:

1. **Linear Service Desk:** Developed a React JS app using Jira Service Management APIs for optimized client request handling, with enhanced filtering, searching, and voting functionalities.
2. **Linear Flaecheheizung Schnellauslegung:** Redeveloped the Flaecheheizung system, a Building Information Modeling (BIM) tool web app for calculating and estimating costs and materials of floor heating for vendors, using the MERN stack. Replaced Ruby with Node.js and React. Implemented Redis queue for intensive calculations. Solely responsible for architecture, development, and testing. (Project url for IVT Client: <https://www.ivt-flaecheheizung-schnellauslegung.de>)

**Exultec Concepts GmbH** – Aachen, Germany

### Full-Stack Developer

[ 01/11/2017 – 30/06/2020 ]


November 2017 - May 2020 (Part-time working student 16hr/week)

June 2019 - June 2020 (Full-time)

**Product Development:** Developed REST APIs using LoopBack, invoice claim mobile app on Ionic and implemented Angular frontend modules for **Exultec.net**, a custom business process management software. Key modules include:

- Shift Planning & Time Tracking
- Capacity Pooling

- Billing and Accounting automation
- Contract Management with automated invoicing and renewal tracking

 **Ediflow GmbH** – Brühl, Germany

## Working Student Front-End Developer

[ 01/03/2017 – 30/10/2017 ]

### Product Development:

1. **Inqoice:** Developed frontend modules using AngularJS for business process optimization web application (<https://ediflow.de/#projects>), unit testing with the Jasmine framework to ensure module functionality and performance.

 **Goodcore Software Pvt Ltd** – Karachi, Pakistan

## Software Engineer

[ 01/06/2015 – 08/08/2016 ]

**Web Application Development:** Developed and maintained various web applications using PHP Yii, Yii2, and Laravel frameworks.

1. **EZ-Scheduler 2.0** ([www.echovisionllc.com/overview.php](http://www.echovisionllc.com/overview.php)): Developed components for a business management web application for Echo Vision LLC using the PHP Laravel framework, employing the MVC approach.
2. **MMA** (<https://mma.org.my/>): Developed components for the Malaysian Medical Association Membership Management System on the PHP Yii2 framework.
3. **RelACS** (<https://relacs.sirva.com/relacs/>): Provided technical support for 10 months, resolving live system bugs for SIRVA Corporate Housing's relocation services web application, built on PHP Yii framework.
4. **Vitcomex** (<https://sys.vitcomex.com/>): Provided technical support for 6 months, resolving live system bugs for a remittance agent of CMIS Bank Malaysia, built on PHP Yii framework.

 **Buonosource Pvt Ltd** – Karachi, Pakistan

## SQA Intern

[ 01/06/2014 – 06/2014 ]

SQA of payroll module of an ERP

## SKILLS

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### Programming Languages & Frameworks

Angular.js / Bootstrap / C / C++ / CSS / Express.js / FilamentPHP / HTML / Ionic / JavaScript / Java / Laravel / Loopback / MaterialUI / Node.js / PHP / React.js / Redis / Ruby / Sinatra / SQL / Tailwind CSS / TypeScript / Vue.js / Yii

### Software Architecture & Development Practices

Agile / API-first development / Authentication (JWT, OAuth 2.0) / CI/CD / EDD / Eloquent ORM / Full-stack development / GDPR compliance / Internationalization (i18n) / Kanban / Microservices / MVC architecture / MVP / SOLID principles / Performance optimization / REST APIs / Peer reviews / SaaS / Server-side rendering / Scrum / TDD / Unit Testing

### Databases

MariaDB / MongoDB / MySQL / PostgreSQL / SQLite

## Softskills & Communication

Adaptability / Agile Methodologies / Client Relationship Management / Collaboration / Conflict Resolution / Constructive Feedback / Continuous Learning / Critical Thinking / Mentoring / Problem Solving / Remote Work / Team Leadership / Technical Communication / Time Management / Cross-functional Collaboration

## EDUCATION AND TRAINING

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### MSc Media Informatics

**RWTH Aachen** [ 01/10/2016 – 30/04/2019 ]

City: Aachen | Country: Germany | Website: [www.rwth-aachen.de](http://www.rwth-aachen.de) | Level in EQF: EQF level 7

### BS Computer Science

**National University of Computer & Emerging Sciences - FAST** [ 01/08/2011 – 31/05/2015 ]

City: Karachi | Country: Pakistan | Website: <https://nu.edu.pk/> | Level in EQF: EQF level 6

### Higher Secondary Education in Pre-Engineering

**DJ Science College** [ 01/08/2009 – 31/05/2011 ]

City: Karachi | Country: Pakistan | Website: <https://www.biek.edu.pk/>

## LANGUAGE SKILLS

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**Mother tongue(s):** Urdu

**Other language(s):**

#### English

**LISTENING C2 READING C2 WRITING C1**

**SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1**

#### Turkish

**LISTENING A2 READING A2 WRITING A1**

**SPOKEN PRODUCTION A1 SPOKEN INTERACTION A2**

#### German

**LISTENING C1 READING C1 WRITING B1**

**SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2**

#### Arabic

**LISTENING A1 READING A2 WRITING A1**

**SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1**

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*