# Muhammad Anas Afzaal

## Software Engineer | Karachi, Pakistan

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[LinkedIn](#) │ [Portfolio](#)

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## Profile Summary

Senior Software Engineer with 5+ years of experience facilitating cutting–edge engineering solutions with a wide range of applications and technology skills. Proven ability to leverage full-stack knowledge and experience to build interactive and user–centered website designs to scale. Extensive expertise in large system architecture development and administration.

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## Technical Skills

- Frontend: React.js, Vue.js, Angular, Next.js, Nuxt.js
- Backend (Basic to Intermediate): Node.js, Express.js, ASP.NET Core, ASP.NET Web API
- Databases: MySQL, MongoDB, SQL Server
- Tools & Frameworks: Tailwind CSS, Material UI, Ant Design, Bootstrap, Webpack, Vite
- Version Control & Collaboration: Git, GitHub, GitLab, Bitbucket
- APIs & Communication: REST APIs, GraphQL, WebSockets
- Testing: Jest, Cypress,
- Others: TypeScript, Redux, Context API, React Query, CI/CD tools (GitHub Actions, GitLab CI), Agile/Scrum methodologies

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## Work Experience

### Senior Software Developer

Code Avenue, Karachi │ July, 2024 – Present

- *Responsibilities*: Development, optimization, and, maintenance of Web Applications and mentoring junior developers. Also collaboration with backend engineers, UI/UX designers, and product stakeholders to deliver seamless and responsive user interfaces.
- *Skills*: React.js, Next.js, JavaScript, TypeScript, Node.js, Express.js, MySQL, Sequelize MongoDB, HTML, CSS, SCSS, Tailwind CSS, Ant Design, Reactstrap, Material UI.
- *Projects*:
  - **Mobrage**:
    - *Description*: A B2C based web application for a car mechanic services in development for a UK based client.
    - *Features:* User Authentication/Authorization, User creation, User Management, User Roles, Data Analyzation, Service Management, Web Sockets, Push/In App Notification Management, Payment Gateway etc.
  - **Guyana:**
    - *Description:* A G2G based project consisting of multiple sub applications to manage government operations like accident reporting, crime reporting, prison management, prisoner health management etc.

- **Features:** User Authentication/Authorization, User creation, User Management, User Roles, Data Representation etc.

- ***Easy Language***:
    - *Description:* A B2C based LMS project similar to Udacity, to facilitate users to take online courses and their relevant live classes, quizzes, assignments etc.
    - *Features:* User Authentication/Authorization, User creation, User Management, User Roles, Data Representation, Video calling etc.

- ***Skagen***:
    - *Description:* A B2C based web application to manage chain of furniture stores, in development for a UK based client.
    - *Features:* User Authentication/Authorization, User creation, User Management, User Roles, Data Analyzation, Product Management, etc.

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## Software Developer

Arpatech, Karachi │ January, 2023 – June 2024

- *Responsibilities*: Development, optimization, and, maintenance of Web Applications.
- *Skills*: React.js, Vue.js, Nuxt.js, Vuetify, JavaScript, TypeScript, Node.js, Express.js, MySQL, SQL Server, MongoDB, Sequelize, HTML, CSS, SCSS, Material UI.
- *Projects*:
    - ***GDH Healthcare*:**
        - *Description*: A web application for a hospital to effectively manage its clinicians and patients.
        - *Features:* User Authentication/Authorization, User creation, User Management, User Roles, Data Analyzation etc.

    - ***EMS:***
        - *Description:* An employee management web application.
        - *Features:* User Authentication/Authorization, User creation, User Management, User Roles, Data Analyzation, Attendance Management, Salary Management etc.

    - ***Data Engine:***
        - *Description:* A web application for sales management.
        - *Features:* User Authentication/Authorization, User creation, User Management, User Roles, Seller Management etc.

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## Software Developer

Aimviz, Karachi │ March, 2022 – December 2022

- *Responsibilities*: Development, optimization, and, maintenance of Web Applications.
- *Skills*: Angular, React.js, JavaScript, TypeScript, ASP.Net Core, Node.js, Express.js, SQL Server, HTML, CSS, SCSS, Material UI.
- *Projects*:
    - ***Doerbase*:**
        - *Description*: A B2C web application similar to Upwork to connect Service providers with Service seekers.
        - *Features:* User Authentication/Authorization, User creation, User Management, User Roles, Data Analyzation, Geolocation Management, Profile Management, Payment Management etc.

- Finance Application:
  - *Description:* A finance application for account/ledger management as well as inventory management of a business.
  - *Features:* User Authentication/Authorization, User creation, User Management, User Roles, Data Analyzation, User Account/Ledger Management, Inventory Management etc.

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## Frontend Developer

Symits, Karachi │ September, 2020 – February 2022

- *Responsibilities*: Development, optimization, and, maintenance of Websites and Web Applications.
- *Skills*: JavaScript, React.js, WordPress, HTML, CSS
- *Projects*:
  - *Website Development:*
    - *Description: Website development using WordPress and Shopify.*
    - *Examples:*
      - **Local projects**: to view websites for local clients please visit: https://indulge.pk/
      - **Foreign projects:**
        - https://www.homecareassistancetampabay.com/
        - https://www.laspine.com/
        - https://katyrailroad.org/
        - https://sandiegosoberlivinghouse.com/
  - *Web App Development:*
    - **Indolj:**
      - *Description:* A food ordering ecommerce solution that is deployed for a restaurant/food delivery location similar to Food Panda to manage food delivery.
      - *Features:* User Authentication/Authorization, User Management, Data Analyzation, User Inventory Management, Payment Management etc.
      - *Link:* https://indolj.pk/

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## Frontend Developer

Optimal Creations, Karachi │ March, 2020 – August 2020

- *Responsibilities*: Development, optimization, and, maintenance of Websites.
- *Skills*: HTML, CSS, JavaScript, React.js, WordPress
- *Projects:*
  - *Website Development:*
    - *Description*: Website development using WordPress and Shopify.
    - **Examples**:
      - https://theocdigitalmarketing.com
      - https://dynamicleather.co/
  - *Web App Development:*
    - **Water Delivery System:**
      - *Description:* A water bottles order system to order water bottles at door step.
      - *Features:* User Management, Order Management, User Inventory Management etc.

## Education

**Masters of Computer Science –** University of Karachi (2021 – 2022)

**Bachelors of Computer Science –** University of Karachi (2016 – 2019)

**Intermediate in Pre–engineering –** DJ Science College (2012 – 2014)

**Matriculation –** Metropolitan Academy (2000 – 2012)