

Curriculum vitae

PERSONAL INFORMATION



Abdullah Farooq

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Gender Male | **Date of birth** 28/10/1994

EDUCATION

Oct 2014 – Aug 2018

Bachelor of Computer Science

National Textile University, Faisalabad (Pakistan)

- Bachelor Project/Thesis: Kohsaar a multi vendor e-commerce platform using .Net (C, Type-script, **C#**, **Asp.Net Core**, **Angular**, **ServiceStack**, **ORM lite**).

WORK EXPERIENCE

Dec 2021 – Present

Chief Technology Officer (Part-time)

Gawalla, Faisalabad, (Pakistan)

- Project funded by EIT Health and Uppsala University.
- Development of mobile application and interface for wireless connected medical devices (**React Native**, **Android SDK**, **NoSQL** and **Google Firebase**).
- Created test environment to simulate system behavior in virtual environment for testing purposes (Python).
- Migrated library between Python and React Native (**Python and React Native**).
- Developed utility for data logging, export and visualization of raw data in real time (Python).
- Assist in electrical, electronics and embedded systems aspect of the project ranging from literature review to programming of embedded devices.
- Redesigned official Website, maintain and update the site (Wordpress).
- Represented in SciFest 2019 Event.

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Jul 2021 – Present .Net Consultant (Part-time)

Telebu Communications, Faisalabad, (Pakistan)

Led the development of ongoing products from design, development, and management. Managed PHP, Vue.js, and Laravel based projects in an Agile environment.

- Automated the development workflow by implementing CI/CD using **Docker and Bitbucket Pipelines**.
- Designed business-critical **analysis reports** and **drill down reports** that resulted in 10 times improvement in the client business workflow (**SQL and PHP**).
- Optimized existing reports and increased performance of reports up to 20 times (JSON and SQL).
- Automated Café workflow including development of **POS, Payroll, Finance and Attendance management** system (**Laravel and Vue.js**).

Oct 2020 – Jul 2021 .Net Architect (Part-time)

H3 Solutions, Faisalabad, (Pakistan)

Worked in a wonderful team of developers, notable achievements are following;

- Automated business flow for an outsourcing agency by developing, business web application using PHP (MySQL, jQuery, JSON, and **Bootstrap**).
- Successfully integrated business correspondence with the application by developing custom Office Add-in (C#, JSON, and VSTO).
- Integrated Kelley Blue Book API to an existing website using **SOAP API**.
- Integrated bank payment gateway to using **REST API**.

Aug 2019 – Apr 2021 Development Team Lead

Brickclay, Faisalabad (Pakistan)

- Instructed courses for Embedded platforms. Designed course material and practical exercises for C++ and Arduino.
- Arduino based Home Automation (Embedded C, **Java**, jQuery, JSON, **IoT platform** and **Android**).
- Automated poultry farm and integration with the existing database (Embedded C, PHP, MySQL, C# and OpenCV / EmguCV).
- An integrated Security system for home and offices (C#, Arduino and OpenCV / EmguCV).
- Four Wheel Drive autonomous robot including Android App (Embedded C, Java and **Android**).

Mar 2019 – Jul 2019 Software Engineer

Brickclay, Faisalabad (Pakistan)

- As intern in team of software developers.
- Integrated **Payment solution** with customized web application (PHP, MySQL, PayPal, REST API).
- Developed Web scrapers (PHP, Python, RegEx, and Scrapy).

Aug 2016 – Apr 2019 Full-stack Developer

Freelance, Faisalabad (Pakistan)

- Lead project named Kohsaar which was both a client project and my bachelor project (C, Typescript, Asp.Net Core, Angular, Servicestack, Ormlite, REST, SqlServer)
- Arduino bluetooth car (C++, Arduino)
- Clinical reporting software for a local client while making sure code fall under SOLID principles and GOF patterns (C, Wpf, Material Design, MVVM, Sqlite).
- Github Dependency Scraper (Python, BeautifulSoup, and Scrapy).

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PERSONAL SKILLS

Languages Fluent in English, Urdu, Punjabi and Hindi

Communication skills

- Good listening skills [gained during my experience as Software Architect in H3 Solutions by providing consultancy after listening to their problems]
- Clarity and Concision skills [achieved during working as a CTO of Gawalla while presenting the idea to the mass.
- Good writing skills [obtained through writing requirement documentation and api documentation while working in Brickclay]
- Being able to give and receive feedback [gained during my experience in Telebu Communications]

Organisational / managerial skills

- Excellent speech and presentation [gained during my work as CTO in Gawalla while addressing the idea to the mass]
- Leadership skills [gained while working as a team lead in Brickclay and CTO in Gawalla].
- Organized and delivered seminars on Arduino and Git in my university.
- Excellent team work [obtained while managing team of developers in Brickclay and Gawalla]

Job related skills

- **IDE:** Lens, Rider, Visual Studio, and Visual Studio Code
- **Code Editors:** Sublime Text, Notepad++
- **Productivity Tools:** LaTeX, **Git**, **Slack**, Navicat, MobaXterm, MS Office (Word, PowerPoint, Visio, **Teams** and Excel) and Corel Draw.
- **Clouds:** Microsoft Azure, Digital Ocean, Oracle Cloud,

Certifications

- Designing and Building Enterprise **Blazor** Applications , 2022.
- **Mastering Kubernetes**, 2020.
- **Microsoft Azure Fundamentals**, 2019.
- **Managing Microsoft Azure Compute**, 2019.
- Building **Microservices**, 2019.
- Designing and Implementing Microsoft **DevOps** Solutions, 2019.
- **Identity** and Access Control for Modern Applications, 2019.