

AEMAL SAYER

SOFTWARE ENGINEER

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Video Intro

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Berlin, Germany

PROFESSIONAL SUMMARY

With over 20 years in the field, I am a seasoned expert in building web and mobile apps. Mainly focusing on JavaScript for the past 17 years. TypeScript and React in the last 7 years. I founded SmartGeeks, a company that builds web and mobile apps. Additionally, co-founded VoiceKitt, a GenAI voice assistant company that went through the Techstars program, and launched Zooc, a platform for async communication. My work has earned me projects with big names like Klarna, Siemens, and Allianz. Always on the lookout for new technologies; I am currently exploring RAG.

WORK EXPERIENCE

FREELANCE FULLSTACK ENGINEER 2017-Present

SmartGeeks

Berlin, Germany

SmartGeeks is a premium out-staffing agency dedicated to linking companies with the elite 2% of engineers specializing in MERN, Solidity, and Rust. In addition to my freelance work, I devote my efforts to growing this business on a part-time basis.

HTML, CSS, JavaScript, TypeScript, React.js, Remix, React Native, Node.js, GraphQL, MongoDB, Rust, Solidity, Firebase, GCP, AWS, RAG, LLM, LangChain.

CEO, CTO & CO-FOUNDER 2023-2024

VoiceKitt

Berlin, Germany

VoiceKitt is a Generative AI based voice assistant that can help you work by just talking to it. Initially focusing on field sales with a UX entirely built for working while driving, the vision is that some day voice assistants will make keyboards and mice obsolete.

TypeScript, React.js, PWA, Firebase, Node.js, Twilio, ChatGPT API, Voice AI, Prompt Eng.

SKILLS

JavaScript (17+ yrs)

TypeScript (8+ yrs)

React.js (7+ yrs)

React Native (3+ yrs)

Node.js (8+ yrs)

Python (3+ yrs)

Voice AI (7+ yrs)

LLM Applications (1+ yr)

LangChain (1+ yr)

RAG (1+ yr)

Vector DBs (1+ yr)

Rust (<1 yr)

CLIENTS

Klarna. **SIEMENS**

Allianz **Zapp**

ImmoScout24 **MOTIUS**

SMUNCH **ULTIMATE CHAMPIONS**

WORK EXPERIENCE

FOUNDER

2019-2020

Zooc.io

Berlin, Germany

Zooc is a collaboration tool for teams. It leverages asynchronous video, audio, and text chat by reducing online live meetings, and increasing the daily productivity of team members.

HTML, CSS, TypeScript, React.js, Chrome Extension, Firebase, Node.js, Twilio, ChatGPT API, Prompt Eng.

CO-FOUNDER

2016-2017

24Geeks

Koblenz, Germany

We were building a two-sided coding support platform over a video chat and screen sharing for people who wanted to learn web development.

HTML, CSS, JavaScript, jQuery, React.js, Redux, WebRTC, Docker, PHP, MediaServer, WebSocket, MySQL, Facebook Messenger Chatbot

PYTHON DEVELOPER

2016-2017

Koblenz University

Koblenz, Germany

As a working student I was customising a content analysis system which was used to measure the political impact of political tweets and news feeds.

HTML, CSS, JavaScript, Django, Python, Postgresql, Elasticsearch, Data Mining, Machine Learning

SENIOR WEB DEVELOPER

2013-2015

Ministry of Finance - NRAP - World Bank

Kabul, Afghanistan

I have built a comprehensive web and mobile app for remote data collection for observing and reporting road conditions for maintenance purposes.

HTML, CSS, JavaScript, jQuery, jqWidgets, ODK Collect, Java, PHP, MySQL

HEAD OF DEVELOPMENT UNIT

2006-2006

USAID - AECOM - SIKA East

Kabul, Afghanistan

With a team of four developers we built a comprehensive web app for monitoring construction projects in remote areas of Afghanistan.

HTML, CSS, JavaScript, jQuery, ScriptCase, PHP, MySQL

FOUNDER

2008-2015

Bitsoft IT Solutions

Kabul, Afghanistan

I started Bitsoft as a one-man show and within a few years, I was leading a team of 23 developers in two offices and had several government projects like income tax reporting system and the birth certificate, just to name a few.

HTML, CSS, JavaScript, jQuery, WordPress, Joomla, Drupal, MySQL, Visual Basic .NET, C# .NET, ASP .NET, PHP, MySQL

LANGUAGES



Dari/Farsi



English



German



Pashto



Hindi

LAST 7 YEARS

#HTML #CSS #JavaScript
#React.js #Redux
#ReactNative #TypeScript
#Jest #Enzyme #Cypress
#Node.js #MongoDB
#MySQL #SQLServer
#GraphQL #Firebase #GCP
#AWS #Docker #CI/CD
#Jenkins #Web3.js
#Solidity #PWA #WebRTC
#Cytoscape.js #Neo4j
#Python #Django #Vue.js
#Angular #DataMining
#DataScience #RDBMS
#Microservices #Twilio
#Microfrontends #LLMs
#LangChain #VoiceAI
#GenAI #VoiceUI

BEFORE THAT

#VB6 #VB.NET #C-Sharp
#C #C++ #Java
#JavaScript #jQuery
#Bootstrap #jqWidgets
#EasyUI #ScriptCase
#AJAX #PHP #MySQL
#PostgreSQL #SQLServer
#ASP.NET #MVC
#Codeigniter #Yii #Laravel
#Zend #CakePHP #JSP
#RubyOnRails #Joomla
#WordPress #Drupal
#IonicFramework #RDBMS
#JavaForAndroid
#Xamarin.Forms
#ODKCollect #Photoshop
#UI #UX #SEO

WORK EXPERIENCE

HEAD OF DEVELOPMENT UNIT 2005-2008

National Solidarity Program (GTZ/GIZ)

Kabul, Afghanistan

I managed a team of five developers, re-engineered a highly comprehensive project management and accounting system, and built an archive management system with OCR technology.

Visual Basic, MS SQL Server 2000, HTML, CSS, JavaScript, PHP, MySQL, ASP .NET, MS SQL Server .NET, ArcGIS

WEB DEVELOPER 2005-2005

Ministry of Public Health

Kabul, Afghanistan

I developed, launched and managed a fully dynamic website with a user friendly content management system for the ministry of public health.

HTML, CSS, JavaScript, ASP 3.0, MS SQL Server 2000

DESKTOP APPLICATION DEVELOPER 2002-2004

PracSoft

Peshawar, Pakistan

I developed a Hospital Management System, a Netcafe Time Management System, Autoparts Shop Accounting & Inventory Management System.

Visual Basic 6.0, Visual Basic .NET MS Access, MS SQL Server

DATABASE DEVELOPER 2001-2002

Saif Auto Corporation

Peshawar, Pakistan

With a team of four developers we built a comprehensive web app for monitoring construction projects in remote areas of Afghanistan.

HTML, CSS, JavaScript, jQuery, ScriptCase, PHP, MySQL

EDUCATION

MASTERS IN WEB SCIENCE (DROPOUT) 2015-2017

Koblenz University

Koblenz, Germany

I studied three semesters of Masters in Web Science, data science, machine learning and entrepreneurship. I dropped out to pursue my startup career in Germany.

BACHELOR IN COMPUTER SCIENCE 2007-2010

Kardan University

Kabul, Afghanistan

I studied my bachelor in computer science with a specialization in Software Engineering.

DIPLOMA IN IT 2000-2001

HITEC Degree College

Peshawar, Pakistan

This was the start of my programming career and since then I have worked and studied non-stop in this field.

MANAGEMENT

#LeanStartup
#Entrepreneurship
#Startups #TeamLead
#TeamMotivation
#ScrumMaster
#ProjectManagement
#BusinessDevelopment
#StrategicPlanning
#FinancialAccounting
#InventoryManagement
#FinancialProjection
#ContractManagement
#Recruitment
#ContentMarketing
#DigitalMarketing #Sales
#StaffEvaluation

LINKS

[Aemal at Techstars](#)

[Aemal with Oliver Samwer](#)

[Aemal with Frank Thelen](#)

[Aemal at Startup Weekend](#)

HOBBIES

In my free time I like to spend time with my wife and two sons; having a walk in the nature, swimming, bowling, playgrounds, travelling, Sci-Fi movies, etc...