AEMAL SAYER

SOFTWARE ENGINEER

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📍 Berlin, Germany

[Video Intro]

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 (aka. 24Geeks UG)

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

Immo Scout24   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...