

Maher Athar Ilyas

Full-Stack Software Engineer

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TECHNICAL SKILLS

Front-end: React.js, ANT Design, DevExtreme, REST APIs, Figma, CSS, HTML, Bootstrap, XML, JSON, jQuery, and Node.js

Back-end: Spring Boot, Java, Django, PyTorch, Python, PostgreSQL, MySQL, C++, PHP, Docker, Drools, Postman and Assembly.

Miscellaneous: TensorFlow, Ethical Hacking, Git/ GitHub, CorelDraw, Adobe Premiere Pro, Android Studio, Google Analytics & Facebook Ads.

WORK EXPERIENCE

Full-Stack Developer - React.js, Spring Boot, Figma, REST API & PostgreSQL

June 2022 - Present

LAYERMARK

Remote / Washington, D.C

- Introduced innovative business rules management solutions with Drools, enabling **expansion opportunities** in existing products.
- Implemented optimized multiple back-end services with cache management using Java Spring, resulting in a **60% increase in response speed**.
- Accelerated front-end development and maintenance **time by 70%** by rebuilding UI with custom UI components in React.js

Automated Trading Systems Developer - Python, PyTorch & TensorFlow

Sep 2021 - Present

Fiverr & Upwork

Remote / Online

- Successfully designed and deployed **75 + highly effective crypto trading bots**, receiving exceptional customer reviews with a **perfect 5/5 rating**.
- Integrated web scraping techniques and APIs from top platforms like Binance, Kucoin, Discord, CoinMarketCap and Telegram.
- Leveraged Python data structures for data synchronization, portfolio management, smart notifications, and real-time technical analysis.

Graphic Designer and Social Media Manager - CorelDraw & Adobe Premiere Pro

Jan 2018 - Aug 2020

AL-HUDA Educational Institute

Lahore, Pakistan

- **Illustrated 72 workbooks** & school magazines for primary classes on CorelDraw.
- Planned and launched social media marketing campaign, obtaining **2.1k+ followers** on Facebook and **10k+ Subscribers** on YouTube.

EDUCATION

B.Sc. Computer Engineering - Bilkent University, Ankara, Turkey

Expected Graduation - 2024

▪ **High Honor** International Student with **Full Merit Scholarship**.

CGPA 3.70

▪ Database Systems, Programming Languages, Computer Organization, Engineering Management, Linear Algebra, Probability and statistics.

B.Sc Computer Science Exchange Semester - University of Saarland, Saarbrücken, Germany

April 2023 - Sep 2023

▪ High Level Computer Vision, Machine Learning, Foundations of Web Security and Ethics for Nerds

PROJECTS

BilCargo - React.js, ANT Design, CSS, Spring Boot, MySQL, REST APIs, Postman

- Developed a web-based logistics management system with CRUD operations, search and filtering, and report generation functionality.
- Implemented a secure BCNF-normalized ER database model with user specific custom data access privileges. ([GitHub](#))

Habnet : Social Media of Productivity - Java, JDBC, MySQL, Swing, Database Management

- A gamified habit tracking desktop application with integrated social media features such as groups, group chat, leaderboards, past trends & habits visualizing graphs and to-do list, deployed with a server hosted database. ([GitHub](#))

Personal Website - HTML, CSS, Bootstrap, JavaScript, jQuery, PHP, Git, Github Pages

- An online mobile-friendly and responsive resume website, styled and animated using CSS, Bootstrap and Javascript.
- Hosted on Github Pages and maintained using Git. ([atherrrr.github.io](#))

Smart-Music Player App for Android - Java, XML, Android Studio

- Created an android application with an animated UI design using XML and Java that plays .mp3 music files.
- Implemented a music playback feature that groups songs based on user preferences and current mood

Simplified 32-bit Programmable Processor - SystemVerilog, Vivado, MIPS Assembly

- A five instruction processor implemented for Basys-3 FPGA board using simplified datapath and controller.

LEADERSHIP & AWARDS

▪ **2nd Runner-up** in Business simulation, out of 700+ participants - **BusinessPoint'22 (Pepsico, P&G, EY, Armut and Audi)**

19-20 March 2022

▪ **Cambridge Outstanding Learners Award** for Regional Distinction in Computer Science Exam (O-Level) - **British Council**

Jan 2020

▪ **Vice-President** Bilkent United- Sports Lovers Society - **Bilkent University**

Aug 2022 - Jan 2023