

Ali Barznji

Self-taught Software Engineer, Coding Enthusiast

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PROFESSIONAL EXPERIENCE

Dev Centre House, Sulaimani/Erbil — Software Engineer

Jun 2021 - PRESENT

- I've taken part in a major project with a big scoped audience for 10+ months as a Software engineer
- I've worked with a minimum of 20 developers across the world remotely and closely
- I've taken big-medium responsibilities in the duration of my employment at DCH

Your Hope institute, Sulaimani — *Software Developer/ Team Lead*

Jun 2019 - December 2019

- I was a major part and leading example for all the employees who were working under my supervision
- I led a team of 10 employees for an extensive period
- I wrote a project to help high-school graduates pick out their desired faculties for their upcoming career plans

Irex Organisation, Sulaimani — *Tech Instructor*

Sep 2019 - Jan 2020

- I wrote the business plan and SSR for a major high-tech project which in turn got the third most votes in the global solutions sustainability challenge across four participating countries
- As a tech Instructor I was tasked to find solutions for building a machine that could turn food waste into suitable/useful minerals such as homemade gas.

Irex Organisation, Sulaimani — *Tech Instructor/co-leader*

Feb 2020 - May 2020

- I co-led a group of newcomers to the organization's thrilling sustainability challenge
- As a senior group member, I was tasked to help the team find solutions for the challenges that were given to us, and I also had to take the role of Tech lead.

SKILLS

1. Microsoft Suite:

- Word
- Power-Point
- Access
- Visual Studio
- VsCode
- Excel
- OneNote
- Outlook

2. Tech Stacks:

- C#: 3 years
- Modern JS/TS: 5 years
- React.js: 3 years
- React Native: 3 years
- Nodejs (Express): 4 years
- HTML: 5 years
- CSS: 5 years
- NPM, Yarn, Pnpm
- Git, Github: 4 years
- CI/CD
- Docker
- AWS DynamoDb/RDS
- AWS Lambda
- MongoDB
- Mongo CLI
- Redis
- SQL (MySQL, SQL-Server, SQLite)

3. Development:

- Scalable API Development
- Efficient WebSockets implementations
- Caching
- Database scaling/management

Solution Gate, Sulaimani — Software Developer

Jun 2020 - Dec 2020

- I was tasked to build applications for various customers
- I dealt with high-level coding languages like Javascript and frameworks like React.js and Node.js
- I would help share my knowledge with my teammates on various tech stacks

EDUCATION

Computer Science Institute (SPU), Sulaimani — IT Diploma

Nov 2018 - Jun 2020

- I took part in many informational subjects such as (Database management, web development, Application development ...etc).
- I also graduated with high honors as my department's top 10 students with a GPA of (4.1 / 5.0)
- I built two major projects as a student to help my learning career further
- I took part in many small-medium projects that boosted my confidence and overall knowledge in IT generally and programming specifically.

PROJECTS

SEEYOU, Conference Aggregator — NodeJs/Backend Engineer

Jun 2020 - Present

- Utilizing Websockets to implement real-time chatting on the backend
- Dealing with Node.js push notifications and by using AWS Lambda functions
- Creating an HTTP server to use as a proxy to handle Websockets from the main server for specific functionalities
- Utilizing RabbitMQ to make a queue-based messaging system efficiently
- Utilizing Redis as a caching layer to track user activities
- Utilizing Redis to publish messages in real-time
- Using DynamoDB to save messages temporarily to make a better user experience

- Test-driven programming
- Automation testing
- Performance boosting
- Clear and precise coding patterns
- Deep understanding of coding patterns
- Asynchronous programming
- E-2-E-Encryption methods
- Object orienteds & functional programming

4. Soft Skills:

- Entrepreneurial thinking: two Irex badges
- Virtual Collaboration: two Irex badges
- Adaptability: two Irex badges
- Critical thinking and creative problem solving: two Irex badges
- Cross-Cultural communication: two Irex badges
- Empathy: two Irex badges

AWARDS & Certifications

Smart-Pricer, Pricing Expert — NodeJs/Backend Engineer

Dec 2020 - Present

- Using Node/Express to create performant APIs
- Authentication using HTTP-only cookies
- Using a caching layer to handle big data packages
- High-level coding by using the best practices/patterns

[Blog-website](#), Online Portfolio/Blog — Fullstack Web Developer

Oct 2020 - Dec 2020

- Using Node/Express to create performant APIs
- Authentication using JWT Tokens
- API Pagination
- High-level coding by using the best practices/patterns
- Using HTML, CSS, and frontend Javascript

LANGUAGES

- Kurdish (Native)
- English (Fluent)
- Persian (Good)
- Arabic (Good)

English Certification, SPU — 2020.

Javascript Certification, Udemy — 2018.

Nodejs Fundamentals Certification, Udemy — 2020.

Nodejs Certification, Pluralsight — 2020.

Advanced React Certification, Pluralsight — 2020.

Advanced English Certification, SPU — 2019.

Top three student awards, 2006 — 2017.

Top ten Student Certification, SPU — 2019-2020.

Modern web development Certification, Udemy — 2018.

Modern web development Certification, Udemy — 2018.

Twelve soft skill badges, Irex — 2020.

