TAHA GHASSAN HALABI

Software Engineer
Full Stack Blockchain Developer
Computer Vision Engineer
Web / Web3 / Mobile - AR / Gaming

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Education

American University Of Technology (AUT) (2019-2021)
Major: Computer Science

Lebanese International University (LIU) (2021)
Major: Master Of Business Administration (MBA)

About Me

Senior Software Engineer, Full Stack Blockchain Developer & Computer Vision Engineer Specializing In Various Technical Fields, Including Web3, Blockchain, NFT, Web, Mobile, Augmented Reality, Computer Vision, Application Security Engineer. I Have Many Achievements, One Of Them Helping In Getting Funds And Investments For Aina Technologies Company (American Company). I Have Worked With Big Companies With Different Roles (CTO, Team Leader). I Also Worked On Multiple Large Scale Projects For Universities (American University Of Technology AUT), Associations, And Private Programs. Also I Have A Channel On Youtube Teaching Development. I Am Also Involved In Training And Educating Developers In Institutions And Companies.

Portfolio

- My Portfolio & Projects
- My Demo`s

Experiences

- Golden Concept Group - Software Engineer & Full Stack Developer - 2022
  - Augmented Reality Development.
  - Develop Strategies Including Project Plans, Diagrams, Work Flow.
  - Working With Some AI Libraries Like Tensorflow.
  - Build Quality Assurance and Data Protection Processes.
  - Create Technical Specifications.
  - Technical Leader.
  - Develop Mobile Apps Plus Integrating Different Technologies Together (Unity & Flutter).
  - Develop Custom Web Applications With Different Technologies (Php, Laravel, Python, Flask, Mysql).
  - Develop Custom Wordpress Woocommerce Plugins To Fit Our Need.
- CybitSec - Chief Technology Officer - 2021 2022
  - Augmented Reality Development.
  - Develop The Company Strategy.
  - Implement New Systems and Infrastructure.
  - Communicate Technology Strategy to Partners and Investors.
  - Communicate Technology Strategy to Partners and Investors.
  - Technical Leader.
- Sigma Plus Industrial Solutions (Canadian Company) - Software Engineer - 2022
  - Analyze User Requirements.
  - Investigate new technologies.
  - Write and Test Code.
  - Communicate With Technical Companies Involved (Payment Companies) For Solving Bugs.
- Aina Technologies (American Company) - Chief Technology Officer (CTO), Software Engineer - Team Leader - 2020 2022
  - Augmented Reality Development.
  - Develop The Company Strategy.
  - Implement New Systems and Infrastructure.
  - Communicate Technology Strategy to Partners and Investors.
  - Build Quality Assurance and Data Protection Processes.
  - Create Technical Specifications.
  - Discover and implement new technologies that yield competitive advantage
  - Technical Leader.
  - Develop Mobile Apps With Different Technologies (Unity, Java, Swift).
  - Develop Custom Web Applications With Different Technologies (Nodejs, Php, Laravel, Python, Mysql, Firebase).
  - Projects Worked On:
    - Clothing Virtual Reality Big Application.
- ReLyfe Medical Intelligence (French Company) - Full Stack Developer - 2021
  - Developed Web and Mobile Applications With Different Technologies (Php, Symfony, Nodejs, Expressjs, Reactjs, React Native, Flutter, Mysql, Firebase).
  - Projects Worked On:
    - Big Medical Online Platform With Many Roles Like Patient, Doctor, Admin (Worked as a Full Stack Developer Front End and Back End).
    - Mobile Application For The Big Online Medical Platform.
- Promark Online - Instructor, Team Leader, Software Engineer - 2021
  - Teaching and Leading Web and Mobile Development With Different Technologies (Flutter, Php, Laravel, Wordpress, Woocommerce, Mysql).
  - Technical Leader
  - Projects Worked On:
    - Ecommerce Website Development.
    - Mobile App For The Ecommerce Website.
- Wasil Online LLC - Full Stack Developer - 2021
  - Developed Wordpress Themes & Plugins (Php, Wordpress Woocommerce Development).
  - Developed Custom Web Applications (Php, Nodejs).
  - Projects Worked On:
    - Ecommerce Website and Mobile Development.
- Growupplebanon - Team Leader & Developer - 2020
  - Developed Web Applications (Nodejs, Expressjs, Php, Laravel, Reactjs, Angular).
  - Developed Wordpress Themes & Plugins (Php, Wordpress Woocommerce Development).
  - Lead The Development Team (Web and Mobile Developers).
  - Projects Worked On:
    - Ecommerce Website and Mobile Development With Many Features (Dropshipping, Multi Vendor).
    - Freelancing Systems Development Like Upwork With Many Features (LiveChat, Ratings, Following and Followers).
    - Personal and Companies Websites Development.
    - Restaurants Web and Mobile Development.
- AIY Expert Solutions - Developer - 2019
  - Developed Automation Bots (Angular, TypeScript, Nodejs).
  - Projects Worked On:
    - Automation Bot.
- Projects - 2017 - 2022
  - Develop Ecommerce Web and Mobile Applications.
  - Develop Educational Web and Mobile Applications.
  - Develop Freelancing System Applications like Upwork.
  - Develop Medical Platforms, Car Rental & Trips Booking Applications
  - Develop Custom Mobile Applications Like Uber, Careem
  - Develop Mobile Applications.
  - Develop Wordpress Themes and Plugins.
  - Develop Custom Web Applications.
  - Develop Front End Websites.
  - Translating Websites and Mobile Application.

Work Achievements

I'm Mentioning Some Of My Work Achievements

1: Helped In Getting Funds And Investments For AINA Technologies Company.

Web3 / Blockchain / Smart Contract / NFT

- Working With Different Extentions Like MetaMask, Core.

- Have A High Knowledge With Solidity.

- Have A High Knowledge With Solidity Security & Vulnerabilities.

- Some Of My Demo`s:

  - Combining Web3 With Ecommerce Stores.

Computer Vision

- Working With Tensorflow, OpenCV...

- Integrating Computer Vision Projects With Different Platforms (Web, Mobile, Desktop).

- Some Of My Demo`s:

  - Virtual Shirt Try On

  - Virtual Painter (Draw With Your Hand)

  - Virtual Gym Trainer

  - Solve Math Exercises By Your Fingers (Hand Tracking)

Team Leading Management

- Using Agile Project Management (Trello, Jira ...).

- Working With Git, Github, Gitlab, Docker.

- Software Architecture (UML ...).

- Leading A Team With More Than 10 Developers.

Application Security Engineer

- Analyze The Application, Detect The Vulnerabilities And Bugs, And Fix Them.

- Perform Static And Dynamic Source Code Analysis To Detect The Vulnerabilities Through Reviewing The Code.

- Securing The Application By Securing The Code And Developing Patches.

Augmented Reality, 3d Artist

- Clothing Augmented Reality Big Application.

- Multiplayer Game Development (Multiplayer AR Games).

- ARCore / ARKit / Vuforia.

- Unity Physics.

- Unity 2d, 3d Games.

- Design With Blender.

- Some Of My Demo`s:

  - Rolling The Ball In Maze With Augmented Reality

  - Air Plane Destroyers Prototype

  - Tanks War Prototype

Back End Developer & Engineer

- Working With Different Technologies: JavaScript (Nodejs, Expressjs, Adonisjs), Php (Laravel, Symfony, Wordpress), AWS, Ajax, Json, Xml, Socket, Api (Rest, GraphQL), JWT, Passport.

- Working With Different Types Of Databases: Sql (Mysql, Sql Server), NoSql (Firebase, Mongodb).

- Debugging And Testing (Postman, Fiddler, Chrome Dev Tools ...).

- Working With Payment GateWays Like: Paypal, Stripe, Custom Payments.

- Developing Big Systems Including Ecommerce (Dropshipping, Multi Vendor), Freelancing (Upwork...), Medical Platforms, Car Rental, Trips Booking, Educationcal Apps.

- Developing Many Important Features Like: Deposit - Partial Payments, Money Transfer (Cash & Debit Accounts With Indebtedness), LiveChat, Notifications, Following And Followers, Ratings, Reviews...

- Some Of My Demo`s:

  - Real Time System Notification

  - Add \ Remove To \ From Wishlist In A Real Time Panel With Logs

  - Follow Unfollow User In A Real Time Environment

Front End Development

- Working With Different Technologies: Html5, Css3, JavaScript (Reactjs, Angular, Dom, Bom, Jquery, Libraries And Frameworks), Media Query, Boostrap, Materialize, Sass, Pugjs, Gulpjs.

- Developing Single Page Application With Pure JavaScript Or With Using Reactjs, Angular.

- Developing 3d Shapes And Drawings.

- Expert Working With JavaScript.

- Developing Custom Css3 JavaScript Libraries.

- Converting PSD To Web Front End.

Mobile App Development

- Working With Different Technologies: Unity, Java, Kotlin, Swift, Flutter.

- Combining Technologies Together: Flutter (Front End), Java And Swift (Back End).

- Augmented Reality Development.

- Connecting My Applications With Machines Like Printers, Payment Card Readers...

- Developing Ecommerce Applications With Different Features: Money Transfer (Cash & Debit Accounts With Indebtedness), LiveChat, Notifications, Following And Followers, Ratings, Reviews...

- Working With Background And Foreground Tasks.

- Working With Google Maps And Location.

- Developing Custom Mobile Applications Like Uber, Careem.

- Multi Language Apps Development.

- Some Of My Demo`s:

  - Connect Mobile Ecommerce App To Bluetooth Printer And Print

  - Connect Mobile Ecommerce App To Sonmy Printer And Print

  - Tic Tac Toe Online Game Prototype

  - Change Website Profile Photo From Mobile App

Wordpress & Woocommerce Development

- Developed Custom (Yearly Paid Plans) Wordpress Plugin: WpUserCertificate (wpusercertificate.com) For Generating A Certificate For The Users.

- Combining My Wordpress Plugin (WP User Certificate) With Augmented Reality: User Can Download His Certificate As PDF And Also Can View It In The Real World, Demo.

- Developing Custom Wordpress Themes And Plugins Including Custom Pages, Widgets, Theme & Plugin Options...

- Expert In Woocommerce Development, Develop Custom Products Types, Options, Orders...

Desktop Application Development

- Visual Studio C#, Electron Js.

Articles

- Sql Article: Advanced Row Insertion