MOHAMED HELMY

Zezenia, Alexandria
(+2) 0100 575 9130 • mohamed.halmey@gmail.com
LinkedIn: linkedin.com/in/mohamedhelmy
Website: Helmy.tech/resume

QUALIFICATIONS PROFILE

Technically sophisticated professional offering hands-on experience in Web Development, Software Engineering and Systems Analysis.

♦ Expertly translate functional and technical requirements into elegant solutions that address complex business challenges.

♦ Solid knowledge of project lifecycle, which included all phases of system and software development.

♦ Competent trouble-shooter continually focused on identifying, isolating, and resolving technical issues with cost effective solutions.

♦ Accomplished communicator skilled in building and strengthening relationships with cross-functional teams and meeting tough deadlines.

♦ Sharp and adaptive; able to quickly learn and master new concepts, procedures, and technologies.

Core Technologies

Environments*:*	JavaScript, Java, C, C++, PHP, HTML5 & CSS3 - SQL Data Modeller Oracle & Microsoft,
Tools:	Microsoft Office Suite, SQL & NoSQL Servers and IBM BigInsights Software Platform, IBM Rational tools, Composer, Drush, Git, Gitlab & Bitbucket, Trello & Jira, Toggl, Figma, Slack.
Methodologies:	Software Engineering, Data Structure & Algorithm, RDBMS, OOP, System Analysis & Design using UML and Agile System Development Life Cycle, Content Management System (CMS) using Drupal 7,8.

EDUCATION AND CREDENTIALS

Master of Science Degree in Computer Science 2020 - Present
COLLEGE OF COMPUTING AND IT - ARAB ACADEMY FOR SCIENCE AND TECHNOLOGY - AAST
Alexandria, Egypt

Postgraduate Diploma in Computer Science 2015 - 2018
COLLEGE OF COMPUTING AND IT - ARAB ACADEMY FOR SCIENCE AND TECHNOLOGY - AAST
Alexandria, Egypt

Bachelor Degree of Management Information Systems (MIS) 2004 - 2008
HIGH INSTITUTE FOR COMPUTER AND INFORMATION SYSTEMS - ALEXANDRIA UNIVERSITY
Alexandria, Egypt

Certifications

~ Udacity Nanodegree Scholarship - Full-Stack Web Developer with Python.
  Udacity & Google Scholarship - Front-End Web Developer with JavaScript, Html, CSS.
~ PMI Project Management Professional (PMP)
~ Big Data Specialist with IBM BigInsights v2.1
~ ITIL v3 Foundation in IT Service Management - British Computer Society
~ Linux Foundation: Linux Operating System - edX.org
~ Microsoft Certified Systems Engineer (MCSE)
~ Microsoft Certified Systems Administrator (MCSA)
~ Cisco Certified Network Associate (CCNA)

Associations
- ~ Irish Computer Society 2016
- ~ Alexandria Toastmasters International Club 2015
- ~ Associate Member British Computer Society (AMBCS) 2014
- ~ Association of Computing Machinery (ACM), 2014
- ~ Rotaract Club of Alexandria West – Egypt District #2450, 2009
- ~ Institute of Electrical and Electronics Engineers (IEEE), 2008

EXPERIENCE HIGHLIGHTS:

SWENSON HE, Beverly Hills, California, USA.

Software Engineer – Drupal (Remote), Sep 2020 - Present

Working with top notch MIT graduates. Nick Swenson & Chao He as a front-end software engineer and following the development process through the project life cycle using Jira board to planning to execution and delivery the same UI as planned. Contribute to Drupal 8 patches, modules, profiles, themes.

- ⬧ Built a website for a live workshops and webinars for united states large scale governmental project for California Energy Commission through Swenson He.
- ⬧ Working with LAMP - Linux, Apache, MySql, PHP technology stack and develop custom web for designing and implementing new features and functionality.
- ⬧ Convert Figma comprehensive layout and wireframes into working pages using DXPR.

PICKDEVS, Cambridge, United Kingdom.

Full Stack Web Developer – Drupal (Remote), Jul 2020 - Present

Following the development process through the project life cycle using agile board to planning to execution and delivery the same UI as planned. Contribute to Drupal 8 patches, modules, profiles, themes, and Drupal Community.

- ⬧ Develop and enhance new website for mobile applications FitnessGarage.app using Drupal 8.
- ⬧ Develop custom web for designing and implementing new features and functionality.
- ⬧ Create sub themes, custom themes and apply responsive design.

MALHY SOFT TECHNOLOGIES – MST, Alexandria, Egypt.

Full Stack Web Developer - Drupal, Jan 2019 – Dec 2019

Development process through the project life cycle from requirement gathering to planning to execution and delivery. Contribute to Drupal 8 patches, modules, profiles, themes, and Drupal Community.

- ⬧ Build and develop web applications using Drupal 8.
- ⬧ Develop custom modules for designing and implementing new features and functionality.
- ⬧ Create sub themes, custom themes and apply responsive design.

MINISTRY OF ELECTRICITY & RENEWABLE ENERGY (MOEE), Cairo & Alexandria, Egypt

Egyptian Electricity Transmission Company - EETC

Systems Analyst, 2011 – Present

Serve as an integral team member, facilitating key communications between the financial department and the software engineering department. Liaise extensively with external and internal clients throughout the MOEE divisions.

- Conduct requirements analysis and prepare specific proposals for modified or replacements systems/processes.
- Identify potential solutions and assess for both technical and business suitability with a focus on enhancing quality, elevating efficiency, and controlling costs.
- Contributed to the development of a comprehensive business case for a key turnaround project designed to produce sustainable performance metrics from non-productive key accounts.

REVEEL INC, San Francisco, CA, USA.

Software Engineer / Research Assistant (Part Time), 2014 – Present

Develops software solutions by studying requirements analysis and information needs; conferring with stakeholders. Performs software design using software development fundamentals and processes, debug, test, and deploy software solutions.

- Design, develop and maintain key components of the software using Eclipse, Java, OOP.
- Implement business process management using IBM Application lifecycle management (ALM). Also organize & control the workflow for a project using IBM Rational Team Concert (jazz) and let the team follow the process.

IBM, Giza, Egypt

Big Data Engineer (Intern), Summer of 2015

Expanded knowledge of data warehousing, big data strategies, and Apache Hadoop Ecosystem. Installed software, built proof of concepts, and evaluated outcomes using IBM BigInsights software platform.

- Translated high-level guidance systems (intakes and success criteria) into a functional working program; identified potential problems and/or roadblocks in software tools and processes. Applied knowledge of Hadoop Distributed File Systems (HDFS) architecture.
- Built and deployed custom analytics to capture insight from data. Coded demo projects with operational outcomes for next-generation data. As a result, received IBM Mastery Award for Students.

MAVEN CREW - SOFTWARE SOLUTIONS, Alexandria, Egypt

Software Systems Analyst (Part Time), 2014 – 2014

Analyse clients' existing systems and business models while interfacing with designers and programmers. Map and document interfaces between legacy and new systems. Experience with System and Database Design.

- Transform client requirements into highly quantified project orders; prepare Business Requirement Document – BRD; classify alternatives for cost-effective solutions and evaluate for both procedural and industry suitability; and develop System Requirement Specification Document – SRS
- Draw up, supervise, and document testing schedules for complete design systems, using skills with Object Oriented System Modelling and UML Diagrams.

TE DATA (TELECOM EGYPT), Alexandria, Egypt

Technical and Field Support Engineer, 2010 – 2011

Provided technical support to individuals and enterprise companies for TE Data Services; answered technical inquiries, diagnosed reported problems or configuration issues, recommended possible solutions, and adhered to company policies and SLAs while maintaining core metrics of service.

- Responded and engaged on all incoming customer inquiries with a sense of urgency; prioritized cases according to severity descriptions and properly managed client expectations.
- Documented all technical inquiries and customer-reported problems in the customer-tracking database and in the escalation tracking system with solutions as appropriate.

SKILLS WORLDWIDE - RESEARCH & DEVELOPMENT, Alexandria, Egypt

Support Engineer, 2009 – 2010

Manage, configure and implement enterprise systems solutions for Skills Worldwide; Identify and resolve all operational systems problems, Installing and configuring computer hardware, operating systems and applications, troubleshooting system and network problems and diagnosing and solving hardware or software faults, Perform daily system monitoring.

- Implementing MS Active Directory with GP and design the DNS, Create, change, and delete user accounts per request.
- Verifying the integrity and availability of all hardware, server resources, systems and key processes and reviewing system and application logs, and verifying completion of scheduled jobs.
- Plan, Manage and implement Information Technology projects and develop technical skills in all supported products and Ensure that all assigned project tasks are closed successfully within due date.

NEW HORIZONS CLC, Alexandria, Egypt

Training Advisor, 2008

Teach material from approved curriculum and develop daily lesson plans to include instructional aides for New Horizons; Deliver training using differing modalities including Virtual and Traditional Instructor Led Training (including client-site, blended, and custom classes).

- Obtain and maintain IT certifications as required by business demands while working in a cooperation with the Sales and Marketing Team, to ensure desired learning objectives of the client, this includes not only in a teaching capacity, but also attending sales meetings as a subject matter expert.
- Keep technical, sales, and business knowledge up to date by participating in educational opportunities. Meet or exceed established monthly training scores and constantly strive to improve instruction through self-analysis