

Dario Thornhill

Software Solutions Architect, Full Stack Engineer and Software Engineer Instructor

Computer Science is not merely the study of machines but the study of problem solving. I am passionate about developing developers as well as learning new skills to solve interesting and impactful problems.

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Amman, Jordan 📍

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TECHNICAL SKILLS

Programming Languages	Python, Javascript, HTML, CSS, Java, C#, PHP	Programming Concepts	Dynamic Programming, Object Oriented Programming, Design Patterns, Functional Programming
Frameworks	Django, Flask, Reactjs, GraphQL, Express, Serverless, Laravel, Silex, Angular JS, Codeigniter, KoaJs, Spring, .Net core, LAMP, MERN	Cloud	AWS, Azure, Heroku, Firebase, Digital Ocean
SysOps	Docker, Kubernetes, Linux Admin(Debian & Redhat), Terraform, Cloud Formation, Python Scripting, Shell Scripting	Software Quality Assurance	Version Control(Git), Test Automation(Pytest, Jest, JUnit, PHPUnit, Cypress), Static Analysis, Test Driven Development, CI/CD, Agile Software Development

TEACHING EXPERIENCE

Lead Instructor - Code 401 Advanced Software Development Luminus Technical University College | ASAC

03/2021 - Present

Amman, Jordan

Course Material

- Object Oriented Programming, SOLID principles
- Unit Testing, Behavioral Driven Development, Test Driven Development
- Data Cleaning, Analysis, Visualization and Machine Learning
- Web Request Response Cycle, REST APIs
- Project Planning, Agile Software Development, Domain Modeling

Lead Instructor - Code 101, 102, 201 Source Code Developer Academy | Powered by Code Fellows

02/2019 - 09/2019

Bridgetown, Barbados

Course Material

- Exploring Software development with HTML, CSS
- Introduction to Software Development with Javascript
- Foundations of Software Development HTML, CSS, Javascript

Contact: sjoseph-husband@tenhabitat.com - Silvana Joseph-Husbands

WORK EXPERIENCE

Head of Platform and Infrastructure Global Tutoring Hub Inc.

01/2019 - Present

Bridgetown, Barbados (Remote)

EdTech startup focused on improving e-learning outcomes with the aid of machine learning

Achievements/Tasks

- Oversee all aspects of cloud infrastructure and platform development.
- Implement Hidden Markov models using Python 3.
- Implement backend apis using Python 3 and Django.
- Periodically train interns in Python, Git, Django, Docker and AWS Cloud technologies.

Contact: [Michael Husbands - mhusbands@gloabl tutoringhub.com](mailto:mhusbands@gloabl tutoringhub.com)

WORK EXPERIENCE

Full Stack Engineer (Contract)

Essentra Software LLC

10/2019 - 03/2021

San Antonio, Texas (Remote)

Web based application solutions provider

Achievements/Tasks

- Develop solutions using primarily Drupal, Laraval, ReactJs, VueJs.
- [Lifetime Vintage](#) - Integrated bespoke Laravel and VueJs web application with Shopify and Square Space.
- [Heavy Periods](#) - Implemented client's design using Acquia Cohesion.
- [Jeweler's Mutual](#) - Implemented VueJs component for calculating insurance estimates, Integrated Acquia Lift Personalisation service with Hubspot.

Contact: Damien Blackman - dblackman@essentrasoftware.com

Full Stack Javascript Engineer (Contract)

Prepared Ltd.

11/2020 - 03/2021

London, United Kingdom (Remote)

EdTech startup

Achievements/Tasks

- Implement web application UI using Material UI and ReactJs based on Figma Design.
- Implement web application logic in ReactJS, Apollo GraphQL, NodeJs and MongoDB.
- Successfully delivered MVP on time.

Contact: Balint Jakabos - balint.jakabos@gmail.com

Solutions Architect (Contract)

Kitji Studios

09/2020 - 07/2021

Bridgetown, Barbados (Remote)

.NET based solutions provider

Achievements/Tasks

- Review and contribute to project proposals.
- Architect solutions to client's business problems.
- Implement business logic in C#.
- Implement UI in HTML, CSS ReactJS.

Contact: Shayne Marshall - smarshall@kitjistudios.com

Full Stack and Mobile Engineer (Contract)

Caribbean Transit Solutions Inc

07/2020 - Present

Bridgetown Barbados (Remote)

Location Based Services Solutions Provider

Achievements/Tasks

- Implement UI design from sketch using React Native.
- Introduce development team to best practices and Agile software development.
- Implement location based business logic using, Firebase, React Native, Open Trip Planner and Google Maps API.
- Develop MVP web based application for crowd sourcing location tied information.
- Develop internal business tools.

Contact: Khalil Bryan - khalil@caribbeantsi.com

Lead Instructor

Source Code Developer Academy | Powered by Code Fellows

02/2019 - 09/2019

Bridgetown, Barbados

Responsibilities

- Training with Code Fellows for delivering Code 101, 102, 201, 301 and 401.
- Coordination, supervision, management and instruction of coding courses.
- Oversee preparation and training of teaching assistants.
- Work with Code Fellows to ensure compliance with standards and course delivery requirements.
- Provide admissions support with preparing students for their courses.
- Build relationships with hiring partners and industry connections.

Contact: Silvana Joseph-Husbands - sjoseph-husband@tenhabitat.com

WORK EXPERIENCE

Senior Developer

Hyuna International Ltd.

06/2017 - 10/2018

Bridgetown, Barbados

Responsibilities

- Ensure team meets KPIs.
- Manage remote development team.
- Oversee aspects of product delivery.
- Evaluating subordinate employees. Handling change requests and communicating updates to external partners.
- Be responsible for the overall planning, execution and success of complex technical projects.

Contact: Mahees Ishaq - mahees.ishaq

Intermediate Application Developer

Hyuna International Ltd.

11/2015 - 06/2017

Bridgetown, Barbados

Achievements/Tasks

- Integrated unit tests into legacy projects increasing code coverage from 0% to 100% on new features.
- Migrated legacy projects to up to date runtimes to mitigate security threats.
- Designed and implemented staging solution which increased testing capacity by 1000%.
- Designed and implemented Google Analytics experiments which resulted in increased revenue.
- Resolved issues which resulted in service outages being reduced to approximately 1/12th of previous norm.
- Implemented application features across projects in PHP and Nodejs.

Contact: Mahees Ishaq - mahees.ishaq@hyuna.bb

Police Constable

Royal Barbados Police Force

05/2008 - 11/2015

Bridgetown, Barbados

Achievements/Tasks

- Designed and Implemented Web Applications for HR Department.
- Designed and Implemented Queries and Report related to trends of interest to the Administration of the Police Force.
- Trained in Cyber Crime Investigations and Forensic Collection of Digital Evidence.

EDUCATION

Bsc. Computer Science (Double Major)

University of The West Indies

09/2011 - 07/2015

Bridgetown, Barbados

Courses

- Algorithms Design and Analysis
- Artificial Intelligence
- Computer and Network Security
- Software Engineering

SOFT SKILLS

Approachability

Communicative

Mentoring

Convergent Thinking (Consolidation)

Divergent Thinking (Exploration)

Critical Thinking

Problem Solving

Conflict Resolution

Innovation

Agility

Transparency

Team Work

INTERESTS

Teaching

Coding

Gaming

Sailing

Traveling

Automation

Data Science

Cyber Security

EdTech

Meeting Awesome People