Guðni Matthíasson | CV

Núpabakki 5 – 109 Reykjavík – Iceland

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Education

Technical University of Denmark	**Kongens Lyngby**
MSc in Computer Science and Engineering	*2019–2021*

Computer science and engineering studies with a deep focus on computer security.

Reykjavík University	**Reykjavík**
BSc in Computer Science	*2011–2014*

General computer science with a focus on computer graphics and cryptology.

Menntaskólinn Hraðbraut	**Reykjavík**
Secondary Education in Linguistics	*2009–2011*

Experience

Advania	**Reykjavík**
Software Specialist	*2018–present*

Customized Microsoft Dynamics solutions.

I work on customizing and implementing custom and 3rd-party solutions for various customers. My responsibilities have involved maintenance on development, testing and production environments, system upgrades and implementation of electronic invoicing. I also regularly participate in reviews and updates to the secure operating standards and procedures of Advania Business Solutions.

Annata	**Reykjavík**
Software Developer	*2014–2018*

Microsoft Dynamics solutions for the automotive industry.

Domino's Pizza	**Mosfellsbær**
Driver - Pizza delivery	*2013–2014*

Bónus	**Mosfellsbær**
Cashier - Grocery store	*2011–2012*

Bónus	**Kópavogur**
Warehouse reception - *2-week replacement*	*2011*

Múr & Steining	**Mosfellsbær**
General Assistant - Masonry building and repairs	*2009–2011*

Recommendations

Contact me for details.

Certifications

Power Platform Developer Associate   *Jun 2021*
Microsoft Certified

Microsoft Dynamics AX Development Introduction   *Oct 2016*
Microsoft Specialist

Microsoft Dynamics AX 2012 Development Introduction   *Oct 2014*
Microsoft Specialist

Languages

Icelandic: Proficient   *Native language*

English: Proficient   *Primary working language 2014–2018*

Danish: Intermediate   *Limited experience*

German: Elementary   *Basic understanding*

Spanish: Elementary   *Basic understanding*

Computer skills

Operating systems: Windows, Linux (mostly Ubuntu/Debian)
Programming: Dynamics 365, Power Platform, Python, C/C++, C#, .NET, SQL, Java
Other: Office 365, LaTeX, HTML, CSS

Interests

Science & technology: I am extremely curious about most things technical.

Computer security: Learning how computer systems break is important to me, as it allows me to better understand how to make them more resilient to attacks.

Music: I am obsessed with all kinds of music. I also like to play the guitar and sing.

Travel: One of my greatest passions is to explore new places and experience new things.

Sports: I have a PADI certification for open water scuba diving and enjoy practicing martial arts.

Hiking and camping: Ironically, as a software and computer security specialist, I like taking some time as far away from a computer as possible every now and then.

Publications

G. Matthíasson, "Real-time execution tracing with ipt," Master's thesis, Danmarks Tekniske Universitet, 2021. Leveraging Programmable Intel Processor Trace Components for Real-time Device Data and Execution Stream Tracing.

G. Matthíasson, A. Giaretta, and N. Dragoni, "Iot device profiling: From mud files to s×c contracts," in *Open Identity Summit 2020* (H. Roßnagel, C. H. Schunck, S. Mödersheim, and D. Hühnlein, eds.), (Bonn), pp. 143–154, Gesellschaft für Informatik e.V., 2020.

G. Matthíasson, E. Sigurðsson, and J. Ólafsson, "Tölvuleikir sem námsefni." Library Catalog: www.sky.is.