

Gergely Juhasz

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Summary

I am an enthusiastic software developer with core proficiencies in Node.js, Java, SQL, and React.js. I enjoy delving into highly technical problems while considering the big picture. My next goal is to work on impactful projects while deepening my knowledge of designing and maintaining distributed systems.

Skills

JavaScript Java databases (PostgreSQL, MSSQL, DynamoDB, OracleSQL)
Node.js React.js Python Distributed systems Android VisualBasic REST
GIT Cloud Computing (AWS, Heroku, AZURE) Ruby Rails ActiveRecord
CSS OOP JIRA OS (Windows, Linux, MAC) IDE (VSCode, IntelliJ, Eclipse)

Work Experience

Software Engineer

[Amazon Web Services](#), Vancouver, Canada

September. 2021 - September. 2022

- Supporting and enhancing an internal logging service
- Creating a script to replay lost metadata into a DB (~20K record) by parsing and processing service logs from multiple servers.
- Updating service to support existing functionality during migration by changing how existing dependencies are used.
- Owning both projects above from collecting requirements and design to implementation, testing, and deployment
- Maintaining infrastructure by creating DB partitions, updating certificates, scaling up and down services, unblocking pipelines, updating old dependencies
- Using Java, PostgreSQL, Ruby, JS, AWS

Software Developer

[Payload](#), Calgary, Canada

July. 2019 - September. 2021

- Working in an agile environment to revolutionize the logistics sector.
- Taking part in sprint planning and feature estimation.
- Writing, testing, and debugging code in Node.js, React.js, Ruby & Rails, Android, iOS, and Visual Basic.
- Using industry-standard approaches: REST, GIT, JIRA, CI, unit test, automation test, swagger documentation.
- Using Cloud Services such as Heroku, AWS, and Azure.

Mentor, Web development bootcamp, part time

[Lighthouse Labs](#), Calgary, Canada

Dec. 2019 - May 2020

- Every week I spend some time to help the next generation of web-developers on their way to new technologies and professional problem-solving with the power of rubber ducks.

Junior Software Developer

[Loxon Solutions](#), Budapest, Hungary

Feb. 2017 - Feb. 2018

- Used Java, SQL, PL/SQL, Hibernate, ICEFaces, HTML and CSS to implement, test and debug financial software

- Made minor modifications in Maven POMs, configured Jenkins build, set up Cron Scheduler
- Participated in project meetings and code reviews

Volunteer Experience

Volunteer Teacher

[Solidair met India](#), Ghosi, India

September. 2012 - December 2012.

- Teaching Science, Math and Computer Science at St. Norbert School

Projects

Co-hosting tech meet-up

2020 - Current

Description : Co-hosting tech meet-up Software Developers of Calgary

Smart Links - Final Project at LHL

June. 2019

Authors [Britta Jorgenson](#), [Christian Pfeiffer](#), [Gergely Juhasz](#)

Description : An interest matching app for professional events (designed for mobile)

Stack : Node.js, React.js, Socket.io, PostgreSQL, OAuth

MapApp - Group Midterm Project at LHL

May. 2019

Authors [Britta Jorgenson](#), [Gaganpreet Pandher](#), [Gergely Juhasz](#)

Description : Create, view and modify maps, upload images, like content, and view your profile

Stack : Node.js, Express.js, PostgreSQL, Knex.js, JQuery, AJAX, Heroku

Neuro Nexus — Innovation 4 Health

March. 2019 - May. 2019

Description : Our team *EEGaming* 's goal is to create a tool which can help children with severe motor impairment to use a controller through a BCI. For which we have received the Peoples' Choice Award.

Stack : Arduino, Python

Education

Certificate - Full Stack Web Development

May. 2019 - July. 2019

[Lighthouse Labs](#), Calgary, Canada

- A 12 weeks long intensive course, 40+ hours / week, project focused
- Main focus on: JavaScript, Node.js, SQL, React

Certificate - Junior Java Developer

Oct. 2016 - Feb. 2017

[Braining Hub](#), Budapest, Hungary

- An onsite interactive course of 224 hours in 3,5 months
- Main focus on: programming basics, Java, SQL, GIT
- One of the first two students to land a job

Master of Science in Chemistry

Sept. 2016 - Jan. 2019

[Eotvos Lorand University](#), Budapest, Hungary

- Thesis title: Analysis of ammonia combustion reaction mechanisms
- Used Scientific modelling programs for Thesis work
- Relevant courses: Programming in LabVIEW, Java and C++, Scripting, Numerical Methods in Chemistry, Applied Computer Simulations, The Basics of Computer Measurement - Electronics, Information Technology and Measurement Theory

Online courses in machine learning

[Coursera](#), Online

[Neural Networks and Deep Learning](#)

[Convolutional Neural Networks](#)

[Improving Deep Neural Networks](#)

[Structuring Machine Learning Projects](#)

[Machine Learning](#)

