Katelynne Lunak

Senior Software Engineer

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Evanston, WY 82930

Education

Bachelor of Science in Computer Science at University of Wyoming

Sep 2013 - May 2017

In my Bachelor of Science in Computer Science coursework, I learned how to design and implement software solutions to complex problems.

Links

linkedin.com/in/katelynnelunak

Skills

Senior software engineer

Java

C++

Algorithm design and analysis

Object-oriented programming

Databases (e.g., MySQL, Oracle)

Web development

Languages

English

Spanish

Profile

I am a Senior Software Engineer with over 5 years experience in the industry. I have gained a strong technical skillset and have proven my ability to deliver high quality software products. I thrive in fast-paced, challenging environments and enjoy working on complex problems. I am looking for an opportunity to use my skills and knowledge to contribute to the success of a company

Employment History

Senior Software Engineer at Industries, WY

Mar 2022 - Present

- Led a team of 4 software engineers in designing, developing, and maintaining a real-time C++ trading system handling 100k messages/second with low latency (<1ms).
- Implemented an automated testing framework that reduced the regression test suite execution time from 2 days to 12 hours while also increasing coverage by 10%.
- Designed and implemented a new pricing engine which increased performance by 30% and reduced memory footprint by 50%.
- Instrumented the codebase with telemetry metrics allowing for better diagnosis of production issues.
- Led weekly design meetings and daily stand-up meeting providing project updates and uncovered risks & dependencies.

Software Engineer at Comanche Games, WY

Jul 2017 - Jan 2022

- Led a team of 4 software engineers in developing a new pricing optimizer tool for the company's e-commerce website – the tool increased online sales by 20%.
- Developed a innovative new algorithm that more accurately predicts customer demand, resulting in $1M in cost savings for the company.
- Wrote code that was successfully used to process over 1 billion transactions per day on Black Friday without any system downtime or errors – this was previously thought impossible.

Certificates

Certified Software Development Professional (CSDP)
Nov 2020

Certified Software Quality Engineer (CSQE)
Aug 2019

Certified Software Process Improvement Professional (CSPIP)
Mar 2018

Memberships

Association for Computing Machinery (ACM)