

Patryk Sienniak

Software Engineer

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About

Adaptable, quick learning engineer, adept at transitioning into diverse work environments, thriving on mastering new technologies, with a proven ability to tackle complex technical challenges.

Experience

Support Engineer

Sep 2022 - Mar 2023

Content Guru

Bracknell, U.K.

- Provided exceptional first-line support to customers, effectively troubleshooting and often resolving queries within 20 minutes, resulting in great customer experience.
- Worked within a team environment, actively participating in daily standups to discuss ongoing tasks and providing insights from previous resolutions.
- Participated in cross-department rotations, acquiring valuable experience in diverse areas including infrastructure and production deployment, during which I deployed a SQL Server database upgrade resulting in internal reports being delivered 10x faster.
- Collaborated frequently with the application engineering department, performing detailed discussions and analysis to identify the root causes of customer-reported issues and implement resolutions.

Projects

Bookmarkt

Typescript, React, MongoDB, Tailwind CSS

- Full stack web application inspired by GoodReads, with the goal of tracking personal progress on books, providing a platform for multiple users to store their books and reviews.
- Using the Google Books API to retrieve book information and storing user information with MongoDB.
- Combined desktop and mobile designs to make it overall responsive without switching between mobile and desktop mode..

QR Code Generator & Encryptor

Python, Powershell

- Developed a QR Code Generator & Encryptor tool to automate a frequent manual process of converting RSA tokens into QR codes, generating secure random passwords and encrypting files for customer and internal distribution.
- Significantly reduced the processing time of completing it manually by 90%, by creating an interactive script, improving the overall efficiency.
- Implemented the tool across the department, distributing to colleagues, enabling them to perform the task more efficiently.

Education

MMath, Master of Mathematics with Study Year Abroad [2:1]
2018-2022

University of Bath
Bath, England

MMath, Master of Mathematics with Study Year Abroad
2020-2021

University of Helsinki
Helsinki, Finland

Skills

Programming: JavaScript/TypeScript, Python, R, HTML & CSS

Frameworks and Libraries: React, Next.js, Node.js

Databases: SQL Server, Postgres, MongoDB