Sasha Sami

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Prague, Czech Republic 📍

WORK EXPERIENCE

Graduate Developer
Barclays

02/2023 - Present   *Prague, Czechia*

Tasks
- Ad hoc tasks for maintenance of the C++/C# code base responsible for calculating risk exposures.

Software Developer
Amazon

11/2018 - 08/2020   *Hyderabad, India*

Tasks
- Reconciliation of transport financial systems using Spark jobs, written in Scala.
- Creation of reconciliation workflows for different systems using AWS EMR, CloudWatch, Step Functions etc., with the resource stack maintained using AWS CloudFormation.

Platform Engineer
Paysafe

02/2017 - 11/2018   *Hyderabad, India*

Tasks
- Integration of third-party data vendors into the Spring framework of a micro-service handling merchant on-boarding background checks.
- Visualization tool to depict relationships between various on-boarded merchants, using Dgraph and Elastisearch.

Intern
Directi

05/2014 - 07/2014   *Mumbai, India*

Tasks
- Integration of payment gateways into the Java framework. Created necessary Java servlets for integration of payment gateways such as Webmoney and Boleto Bancario.

EDUCATION

Masters in Theoretical Computer Science
Charles University, Prague

2020 - 2022

Dual Degree B.Tech+MS by Research in Computational Sciences
IIIT-Hyderabad

08/2010 - 07/2016

SKILL SET

JAVA   SCALA   PYTHON   C#   C++   SPARK

AWS

PUBLICATIONS

A note on superposition of two unknown states using Deutsch CTC model S Sami, I Chakrabarty - Modern Physics Letters A, 2016

Complementarity of genuine multipartite Bell nonlocality S Sami, I Chakrabarty, A Chaturvedi - Physical Review A, 2017

ACHIEVEMENTS

ACM ICPC
Ranked 61st (2013) and 60th (2012) in Amritapuri Onsite Regionals.

Codechef
Solved 120+ problems and have won prizes 2 times for being ranked 20th (in India) in monthly contests. Handle: migdal.

Project Euler
Solved 80+ problems, Handle: sashasami03.

Topcoder
Current rating: 1358, Highest rating: 1400, Handle: pagal_123.

INTERESTS

algorithmic puzzles