

AMRIK SINGH

SOFTWARE ENGINEER



EXPERIENCE

Today
|
2020



Barclays

Site Reliability Engineer

📍 (Remote), UK

Working within a lean team supporting the infrastructure for the bank's observability efforts.

- Architected & developed bespoke observability tooling for internal services
-
-
-
-



EDUCATION

2020
|
2016

Computer Science BSc. (Hons) – First Class

De Montfort University

📍 Leicester, UK

- Concurrent & Parallel Algorithms
- Systems Building
- Data Structures & Algorithms
- Database Design & Management
- Object Oriented Design & Development

2018
|
2017

Computer Science (Study Exchange) – 60 ECTS

Universität Konstanz

📍 Konstanz, Germany

- Interactions in Mixed Reality Spaces
- Big Data
- Advanced Data Structures & Algorithms
- German

2016
|
2014

A Levels

Wyggeston and Queen Elizabeth I College

📍 Leicester, UK

- A-Level: Computing, Psychology
- AS-Level: Computing, Mathematics, ICT

2014
|
2009

GCSEs

Hamilton Community College

📍 Leicester, UK

- 10 A*-C GCSEs



SELECT PERSONAL PROJECTS

Mixed Reality Harness Assembly Assistant

To make the work of Engeser GmbH more efficient

- Increased the productivity of new employees by upwards of 50%!
- Significantly decreased the training time required by new employees
- Worked with curring edge XR equipment (Microsoft Hololens)

Dungeons and Dragons Character Creator

To help ease new players into the game.

- Incorporated user feedback to create an intuitive UI/UX
- Used modern password encryption (Argon2) to assure user data is secure
- PHP & MySQL backend

Personal Website / Blog

So I could share my opinions somewhere other than twitter.

- Used continuous deployment with github actions
- Used appropriate cloud (aws) infrastructure
- Created a responsive and intuitive design with Bootstrap

Chat Bot for Discord Servers

Provided powerful functionality to our personal chat server

- Used Object Oriented principles in Java
- Worked collaboratively with server members using git

PORTFOLIO



AmrikSD



amrik.de

CONTACT INFO



07XXX XXX XXX



amrik.singh@live.co.uk



amrik.de



github.com/amrikSD



London, United Kingdom

LANGUAGES



Java



Python



Haskell

TECHNOLOGIES



Docker



Kubernetes



Git



Elastic Stack

WEB



HTML



CSS



TypeScript



React



Bootstrap



Node.js



PostgreSQL



GraphQL

This CV was wholly typeset
with HTML/CSS – see
<https://git.io/JRX2K>