# Irtaza **Syed**

SOFTWARE ENGINEER · COMPUTER SCIENCE MAJOR · COMPUTER ENGINEERING MINOR

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## Education

**University of Applied Sciences Karlsruhe (HKA)** *Karlsruhe, Germany*

M.SC. IN COMPUTER SCIENCE *Sep. 2016 - Sep. 2018*

• Master thesis: "Development of a web-based user interface for measuring and visualizing radioactivity"
  – at CERN, Geneva

**Baden-Württemberg Cooperative State University** *Karlsruhe, Germany*

B.ENG. IN COMPUTER ENGINEERING *Sep. 2012 - Sep. 2015*

• Bachelor thesis: "Design and implementation of an analysis tool for diagnosis and visualization of digital signals"
  – at SEW-Eurodrive

## Skills

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|---|---|
| **DevOps** | Azure, Docker, Kubernetes, Jenkins, SonarQube, Black Duck |
| **Back-end** | REST API, Spring Boot, Micronaut, JavaEE |
| **Front-end** | React, Angular, HTML5 |
| **Programming** | JAVA, Python, IPython, JavaScript, C/C++ |
| **Database** | SQL, NoSQL, MongoDB, Postgres, MySQL |
| **Languages** | German, English, Urdu/Hindi |

## Experience

**Daimler Mobility AG** *Stuttgart, Germany*

SOFTWARE ENGINEER *Jan. 2019 - Now*

• Technical owner of technical specification and development of Mercedes customer self service API.
• Co-designed an overall architecture for the transition of a monolithic Java application to a microservice architecture.
• Implemented several API microservices in Spring Boot and JavaEE.

**CERN** *Geneva, Switzerland*

IT ENGINEER *Oct. 2017 - Nov. 2018*

• Maintained and managed Drupal websites and database systems of the department.
• Implemented several solutions and web applications for educational purposes, including an interface for measuring and visualizing radioactivity.

**EnBW AG** *Karlsruhe, Germany*

FULLSTACK DEVELOPER *May. 2016 - Dec. 2017*

• Development of single-page applications and native Java software development.

**SEW-Eurodrive GmbH & Co KG** *Bruchsal, Germany*

SOFTWARE ENGINEERING STUDENT *Sep. 2012 - Sep. 2015*

• Integrated dual bachelor's degree program.
• Embedded software development for frequency drivers.
• GUI-/front-end- & back-end development.
• Network administration.