

Irtaza Syed

SOFTWARE ENGINEER · COMPUTER SCIENCE MAJOR · COMPUTER ENGINEERING MINOR

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Education

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

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

Skills

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.