

# Umar Saleem

Passionate software student with a drive to innovate and learn, Well-prepared to succeed as a front-end/back-end software development intern



## Programming Skills

Java, C#, C



## Competences

Web Development: JavaScript, React,

Bootstrap, HTML, CSS



Version Control & Containerization: Git,

Docker and Kubernetes



Database: SQLite and PostgreSQL



## IDEs & Frameworks


Visual Studio Code, IntelliJ IDEA, JetBrains


Rider, .Net, Spring (for Java), Entity

Framework, (testing)JUnit



## Language

 English - Fluent

 Danish - Experienced

 Urdu - Native

## Profile

A dedicated fourth-semester software student with expertise in Java, C#, and C, complemented by proficiency in Bootstrap, HTML, CSS, JavaScript, and React. Holds a Master's in Geophysics and a Bachelor's in Natural Sciences.

Demonstrates strong scientific thinking, work ethic, time management, and adaptability through roles at Orbit Geological Consultancy, Quantum Geoservices Pvt Ltd, and Oil & Gas Development Company Ltd. Brings extensive experience in software development and diverse geophysical techniques, along with excellent problem-solving and communication skills.

## Education

CURRENT DEGREE: BACHELOR OF SOFTWARE ENGINEERING, VIA UNIVERSITY COLLEGE, HORSSENS

January 2022 - June 2025 (Expected Graduation Date)

## PROJECTS

1. Hotel Reservation System: Created a user-friendly Java-based system for The Overlook Hotel, utilizing Scene Builder and file-based data storage.
2. Canteen Order Management: Developed a multi-user system with advanced architectural patterns using Java, Postgres, and RMI-based client-server communication.
3. Jubilee Circus Reservation System: Designed a three-tier heterogeneous software solution using C#, Java, Google gRPC, REST API, and SQLite.
4. Real-time Smart Home System: Integrated IoT devices with C, C#, Docker, and Azure, designing a scalable database structure and user-friendly React interface for real-time monitoring.

MASTER OF SCIENCE (PHYSICS-GEOPHYSICS), UPPSALA UNIVERSITY, SWEDEN

Aug 2010 - Dec 2012

Geophysics & Geology Expertise

- Developed Proficiency in Quality Control, Seismic Data Acquisition, Processing & Interpretation, MASW, Gravity, and Magnetic Surveys

# My Portfolio

<https://umar-portfolio-03.web.app>

## Personal information

### Address

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### Email

umars62350@gmail.com

### Telephone

+45 20494020

## LinkedIn

<https://www.linkedin.com/in/umarsaleem03>

## GitHub link

<https://github.com/UmarSalem>

## Courses

software development with java, Database, Responsive web design, .Net programming, Semester projects (3 projects & 4th on-going) and many more

## Master thesis

<http://urn.kb.se/resolve?urn=urn:nbn:se:uu:diva-186988>

## Publication

<http://dx.doi.org/10.1016/j.jappgeo.2013.02.013>

MASTER OF GEOPHYSICS, QUAID-E-AZAM UNIVERSITY, PAKISTAN

January 2008 - December 2009

- Undertook a comprehensive curriculum encompassing geology and geophysics during my Master's in Geophysics.

BACHELOR OF SCIENCE, ISLAMIA UNIVERSITY BAHAWALPUR, PAKISTAN

Jan-2005 - Dec-2007

- I pursued a comprehensive curriculum in physics and mathematics during my Bachelor of Science, gaining in-depth expertise in these fields.

## Work experience

GEOPHYSICIST AT ORBIT GEOLOGICAL CONSULTANCY ABU DHABI, UAE

Feb 2015 - Aug 2015

- Contributed to a 6-month Qatar project, gaining expertise in shallow geophysical investigation using MASW and ERT methods.

GEOPHYSICIST AT QUANTUM GEOSERVICES PVT LTD

June 2013 - January 2015

- My responsibilities encompass data loading, geometry construction (2D & 3D), trace editing, first break picking, refraction statics, parameter testing, velocity analysis, residual statics, migration, and final deliverables.

RESEARCH ASSOCIATE AT OIL & GAS DEVELOPMENT COMPANY LTD, PAKISTAN

June 2009 - August 2010

- Worked with Pakistan's National Oil Company, focusing on seismic work, and gained experience in velocity modeling, seismic analysis, and petrophysics.

## About me

Beyond the realm of code and seismic waves, I am a devoted family person, successfully juggling the responsibilities of parenthood and professional growth. I balance studies, a 130-hour part-time job, and a family of two children, showcasing a strong work ethic, effective time management, and adaptability.