



# Muhammad Noman

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## ABOUT MYSELF

Highly skilled software engineer with 3 years of experience in developing web applications using Angular and React. Proven expertise in JavaScript, TypeScript, and Python, with hands-on experience in AWS services. Demonstrated success in delivering high-quality projects, including the development of complex functionalities and comprehensive testing. Strong academic background with a Bachelor's degree in Computer Sciences from the University of Lahore (Pakistan) and a Master's degree from Sapienza University of Rome (Italy). Possess an Italian work permit, legally authorized for full-time employment.

## WORK EXPERIENCE

05/06/2023 – CURRENT Rome, Italy

### FULL STACK DEVELOPER SCIAMLAB

**Consultancy and Software Development:** Provided expert consultancy and software development services to corporations and government organizations, focusing on embedding innovative solutions and initiatives.

#### Smart Auction Project Management:

- Managed R&D activities for Smart Auction, an advanced real-time management system for online auctions.
- Implemented and deployed the system in major fish markets in Civitavecchia (RM) and San Benedetto del Tronto (AP), significantly enhancing auction processes.
- Utilized Angular framework, MongoDB, Node.js, Express, and Docker for efficient server management and system scalability.

#### ISPRA Development Project:

- Led the development of an analytical tool for landslide data and hazardous risk estimation in collaboration with ISPRA.
- Employed cutting-edge technologies such as Angular 16, PostgreSQL, and TypeScript to create a robust, user-friendly platform.
- Enhanced data analysis and risk estimation capabilities, contributing to improved disaster management and preventive measures.

01/02/2022 – 28/02/2023 Rome, Italy

### SOFTWARE DEVELOPER AVATR ORGANIZATION

Avatr is a professional services company that provides a broad range of services and solutions in strategy, consulting, digital, technology, and operations. The organization has experience in numerous industries, particularly in professional Projects.

#### Family Tree Project:

- Developed and maintained a comprehensive Family Tree application that structures family relationships from children to grandparents.
- Collaborated with a team of four on front-end design, managing the entire application using React with TypeScript, Reducers, and Hooks.
- Enabled functionalities such as adding children, parents, grandparents, and spouses, and visualizing family graphs.

#### Weather API Application:

- Created a Weather API application leveraging AWS Cloud Services.
- Developed functions using AWS Lambda with Python, and integrated these with an RDS database to store and retrieve weather data.
- Improved application performance and reliability through efficient cloud-based solutions.

#### Sports Application:

- Worked on a sports-related application using React.js, integrating various sports components.
- Utilized Redux Thunk for managing application state, ensuring seamless and responsive user interactions.
- Enhanced user experience by implementing dynamic and interactive features.

10/01/2021 – 30/12/2021 Rome, Italy

### **SOFTWARE DEVELOPER STORE LINK ORGANIZATION**

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Storelink is an organization which provides consultation and services to different organizations regarding software solutions and development.

#### **Website Development and Maintenance:**

- Developed and enhanced functionalities for the Bridgestone company website using the React platform.
- Designed and implemented features that provide customers with comprehensive information on car construction, tire manufacturing, types of tires, models, and availability for booking.

#### **Project Management:**

- Led the Bridgestone project, ensuring seamless service delivery to customers through the website.
- Maintained the website by identifying and fixing bugs, and developing various pages to meet evolving business requirements.

#### **State Management and Testing:**

- Utilized React Redux to create a store for managing application states efficiently.
- Performed thorough testing on key functionalities such as login, registration, and bookings using Python.
- Conducted end-to-end testing of the entire website using Cypress to ensure reliability and performance.

### **EDUCATION AND TRAINING**

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04/10/2020 – 17/07/2023 Rome, Italy

#### **MASTER IN COMPUTER SCIENCE** Sapienza University of Rome

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**Website** [www.sapienzauniversity.com](http://www.sapienzauniversity.com)

21/09/2014 – 04/10/2018 Islamabad, Pakistan

#### **BACHELOR IN SOFTWARE ENGINEERING** The University of Lahore

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**Website** [www.uol.edu.pk](http://www.uol.edu.pk)

01/04/2012 – 03/05/2014 Rawalpindi, Pakistan

#### **HIGHER SECONDARY EDUCATION** Punjab College of Information Technology

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04/05/2010 – 05/06/2012 Rawalpindi, Pakistan

#### **SECONDARY SCHOOL EDUCATION** New Faisal Model High School

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### **DIGITAL SKILLS**

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Visual studio - Visual Basic | Programmin language PYTHON | Web Development: HTML 5, CSS, JavaScript | Python (matplotlib, pandas, numpy, etc) | Pandas, Numpy, Scikit-learn, Scipy.. libraries | Uipath | React js | GIT (GitHub) | HTML5, CSS3, Typescript, Bootstrap, Angular | Project management (JIRA) | Worked with MongoDB, PostgreSQL | React, AngularJs | Docker | Angular 16

### **LANGUAGE SKILLS**

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Mother tongue(s): **URDU**

Other language(s):

	<b>UNDERSTANDING</b>		<b>SPEAKING</b>		<b>WRITING</b>
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	C1	C1	C1	C1	C1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

● **HONOURS AND AWARDS**

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25/02/2019

**GOLD MEDALIST – THE UNIVERSITY OF LAHORE**

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Achieved the highest CGPA in the whole Session