

Zubayr Khalid

Application Developer and Technology Enthusiast

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PROFESSIONAL EXPERIENCE:

Universität des Saarlandes, Saarbrücken— *Masters Thesis*

04, 2023 - PRESENT

Thesis on generating Randomness Beacon Transcript using recursive committees in a decentralized medium. Using Rust as the language and Amazon EC2 to mimic parties in the medium. Bash scripting is used to run instances locally.

August-Wilhelm Scheer Institut, Saarbrücken— *Junior Developer*

11, 2020 - PRESENT

Working as developer using Python & C# as languages and Microsoft Azure; Working as Ethereum Smart Contract developer

PROJECTS:

- Web, Mobile App Development for Raising and Validating Tickets for Traded Goods: Using React, React Native, Node, Firebase (03, 2023 – 05, 2023)
- Lead Developer in NFT project using ERC721 Token Standard: Using Solidity, MERN Stack (03, 2022 – 09, 2022)
- Student Certificate Verification with Blockchain Technology: Using Azure Cosmos DB, MERN Stack (08, 2022 – 11, 2022)
- Customer Counter Application Frontend for Business Analysis: Using React Js (05, 2021 – 07, 2021)
- React Browser Extension for User Sensitivity Analysis with Azure Cosmos DB. (10, 2020 – 12, 2020)

EDUCATION:

Universität des Saarlandes, Germany— Masters: Cyber Security (04, 2020 - Present) [GPA – 2.2]

Institute of Engineering & Management, India— Bachelors: Computer Science (2014 –2018) [GPA – 8.6]

CERTIFICATES/ ACHIEVEMENTS:

- Google FooBar Challenge: Completed up to level 3 (in progress)
- Hackathon: Secur'IT Cup, 2021 Finalist: Organised by Kaspersky Lab
- Hackathon: Secur'IT Cup, 2019 Finalist: Organised by Kaspersky Lab

COURSES:

- Intensive Course in German A1, A2, B1 (09,2022 –Present)
- Udemy Course on Solidity and Ethereum (12,2019 – 02,2020)
- Course on MERN Stack Development (10, 2019 – 03, 2020)

SKILLS:

- **Programming Languages:** Python, Javascript, C#, Rust, Solidity, JAVA, C, bash
- **Database:** MongoDB, Firebase Realtime Database, MySQL, Azure Cosmos DB, AWS Dynamo DB
- **Tools and Frameworks:** MERN Stack, Visual Studio, Jupyter Notebook
- **Operating System:** Ubuntu, Windows, AWS EC2
- **Proficiency:** English (fluent), German (B1)