



## Amlendu Shekhar

**Date of birth:** 01/09/2000 | **Nationality:** Indian | **Phone number:**

(+49) 15510783496 (Mobile) | **Email address:** [amlendu.shekhar@rwth-aachen.de](mailto:amlendu.shekhar@rwth-aachen.de) |

**LinkedIn:** [linkedin.com/in/amlendu-shekhar/](https://www.linkedin.com/in/amlendu-shekhar/) |

**WhatsApp Messenger:** +4915510783496 |

**Address:** Roermonder Street 133, 52072, Aachen, Germany (Home)

### ● EDUCATION AND TRAINING

02/04/2024 – CURRENT Aachen, Germany

**MASTER OF SCIENCE** RWTH Aachen University

- Data Analysis and Visualization (Pandas, NumPy, Matplotlib, Data Cleaning, Data Wrangling)
- Machine Learning (Data Pre-Processing, Feature Engineering, Model Selection and Optimization, NLP, TensorFlow, Scikit-Learn)
- Mathematics and Statistics
- Knowledge of Ethics related to Technology and Data.

**Website** [rwth-aachen.de](https://www.rwth-aachen.de) | **Field of study** Data Science

01/08/2018 – 01/06/2022 Lucknow, India

**BACHELOR OF TECHNOLOGY** Dr. APJ Abdul Kalam Technical University

- Data Structure and Algorithms (Problem Solving, Design and Analysis of Algorithms, Graphs, Trees, Stacks, Linked Lists, Dynamic Programming Algorithms, Greedy Algorithms, Searching and Sorting Algorithms and Programming Languages like C, Java and Python).
- Cybersecurity (Penetration Testing, Kali Linux, Network Security, Encryption Technologies, OWASP Top 10).
- DBMS, Operating Systems, Software Engineering and Web Technology.
- Professional English and Technical Communication.

**Website** <https://aktu.ac.in/> | **Field of study** Computer Science and Engineering | **Final grade** 8.3

### ● WORK EXPERIENCE

16/08/2021 – 22/03/2024 Gurugram, India

**SOFTWARE ENGINEER** GEMINI SOLUTIONS PVT LTD

- As a Full-Stack .NET Developer, I provided valuable contributions to a US based client's project, delivering results and insights that met their business objectives.
- Worked on various components of MIS (Management Information System).
- Developed and performed code optimization, refactoring and code cleanup for multiple functionalities.
- Tech - C#, ASP.NET MVC, HTML/CSS, JavaScript, Git, GitHub, SSMS and MySQL.

**Website** <https://www.geminisolutions.com/>

01/10/2020 – 10/01/2021 Virtual, India

**WEB APPLICATION DEVELOPER** APTCODER

- Developed a comprehensive UI for AptCoder from scratch.
- Tech - HTML/CSS, JavaScript and Python3

**Website** <https://aptcoder.com/>

## ● PROJECTS

### My-TryHackMe

- Successfully pwned 44 machines and have collected 12 skill badges.
- Current Level and Badge - [8][H4CK3R]. (Peak rank 122 in India)
- Linux, Burp Suite, Wireshark, Metasploit, Network Security, OSINT and OWASP Top 10.

Link <https://tryhackme.com/p/Vasu021>

### Chess Timer

- IoT based DIY Chess Timer.
- Arduino, Ultrasonic Sensor and LCD Display 16x2. Programming Language used in Arduino - C.

Link <https://github.com/Vasu021/chess-timer>

### Base Converter

- JavaScript based static Web application to convert a number from one base to another. i.e. hexadecimal to binary, octal to base 9, etc.
- Hosting and possible SEO is done using GitHub Pages.
- GitHub repo - Vasu021/BaseConverter

Link <https://vasu021.github.io/BaseConverter/main.html>

## ● LANGUAGE SKILLS

Mother tongue(s): **HINDI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	C1	C1	C1	C1	C1
<b>GERMAN</b>	A1	A2	A1	A1	A1

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

## ● HOBBIES AND INTERESTS

### Programming

I regularly engage in programming challenges and practice on platforms like DataWars, LeetCode, GFG, CodeChef, and Codeforces. I am a 6 star problem solver on HackerRank.

Links <https://leetcode.com/Vasu021/> | <https://www.hackerrank.com/profile/CaptainShekhar> | <https://profiles.datawars.io/amlendushekhar828>

### Chess

Outside of the tech realm, I enjoy the strategic challenges of the game of chess, which further enhances my problem-solving abilities. I also stream chess on YouTube for fun. Online rating - 1500 approximately

Links <lichess.org/Vasu021> | [chess.com/member/Vasu008](https://chess.com/member/Vasu008)

### Sports

Sports enthusiast with experience in badminton, including active participation and competition at the Intra-college level.