MATHEW SIBY

MASTERS IN COMPUTER SCIENCE

Hintere Grube 5, Bingen am Rhein, 55411 | +49 1575 3933 498 | mathew.sibyc@gmail.com |
https://github.com/matapan22 | www.linkedin.com/in/mathew-siby |

EDUCATION

Bingen am Rhein
2022 - Ongoing

Masters in Computer Science

Technische Hochschule Bingen
Core courses: Artificial Intelligence, System Architecture, Database
Management, System Analysis, Advanced Mathematics, Rust Programming,
Data Mining

Bangalore, India
2018 - 2021

Bachelors in Computer Application

Acharya Institutes of Graduate Studies| Bangalore (BCU Universität)
Core courses: Database management, Unix, cryptography and network
security, web programming, software engineering

PROJECT

Bingen am Rhein
June 2025 - Aug 2025

AI-powered PDF Summarization

- Development of a full-stack web application that extracts and summarizes PDF content.
- Creation of a responsive front-end with React.js.
- Connection to a FastAPI backend with AI-driven summarization logic.

Bingen am Rhein
Oct 2024 - Jan 2025

Interactive Word-cloud Generator

- Development of a dynamic web application with React.js.
- Implementation of user-friendly features.
- Optimized rendering performance to handle large text inputs.

Bingen am Rhein
Oct 2024 - Jan 2025

Application for tracking personal budgets

- Development of a cross-platform desktop application with Rust and Libadwaita.
- Smooth performance was ensured by efficient Rust code and asynchronous operations.

Mainz
July 2024- Sept 2024

Online-Portal for MWIA

- Design and development of an online portal.
- Development of a responsive user interface with React.js
- Improvement in user retention by 35%.
- Creation and use of RESTful APIs.
- Reduction of page loading time by 40%.

PROFESSIONAL EXPERIENCE

Kottayam, India
Oct 2016 - Oct 2017

Product Developer (VR & AR)

Infusory Future Tech Lab Private Limited
- Development and implementation of VR and AR
- Participation in the continuous improvement of QA processes

SKILLS

Language	• Deutsch - Mittelstufe (B1) • English - Fließend (C1)
Programming Language	• Python • JavaScript • Rust • R
Frontend-Development	• HTML • CSS • React.js • React Native
Backend & Web-Frameworks	• FastAPI • Django
Version Control	• Gitlab • GitHub
Tools and Platform	• Microsoft Office Suite
Data Bases	• MySql • SQLite
Soft Skills	• Analytische und konzeptionelle Fähigkeiten • Selbstständiges Arbeiten • Selbstmotivation • Generative KI (GenAI)

CERTIFICATIONS

IBM Full Stack Software Developer Professional Certificate (Ongoing)	• Development and implementation of applications using HTML, CSS, JavaScript, React, Node.js, and Python. • Deploy and scale applications using containers, Kubernetes, and serverless functions.
Google Technical Support Fundamentals Certificate	• Acquisition of basic knowledge in the field of IT support and operations. • Focus: Troubleshooting, system administration, and best practices for customer support.

DECLARATION

I hereby declare that the above information is true and correct to the best of my knowledge and belief. I take full responsibility for the accuracy of the information provided in this resume.

Mathew Siby

30.10.2025