

Albin Joseph *Master's student in Artificial Intelligence | Application Developer*

✉ albincj007@gmail.com ☎ +49 155 1020 5816 📍 Bismarckstraße 78, Berlin, Germany

🌐 <https://www.linkedin.com/in/albin-joseph-945076103/> 🐙 github.com/albinjoseph03

🔗 Portfolio: <https://albinjoseph03.github.io/web/>

PROFESSIONAL EXPERIENCE

Working Student: Software Developer

03/2025 – present | Berlin, Germany

Doings Software GmbH 📄

- Development of an Agentic workflow automation platform at Doings, enabling companies to boost productivity in minutes. Implementing innovative solutions to streamline task planning and execution processes.
- Collaborated with cross-functional teams (QA, DevOps, Product Management) to deliver high-quality releases in Agile sprints.
- Conducted peer code reviews, mentored junior developers, and shared best practices on GitLab and Confluence.
- Improved CI/CD pipelines by contributing to Jenkins integration scripts, reducing deployment times.
- Analyzed production issues, performed root cause analysis, and implemented solutions to improve system stability.

Senior Systems Engineer

03/2021 – 04/2023 | Bengaluru, India

Infosys Limited 📄

- Developed scalable applications using Spring Boot, Angular and SQL, improving client efficiency.
- Implemented a data mining system to fetch data from API using Python for different sources such as APIs, Gitlab, Jira, SonarQube, etc.
- Designed and Developed APIs.
- Built schema for the different sources and stored data in the database.
- Responsible for writing unit tests for newly developed features.
- Contributed ideas and suggestions in team meetings and delivered updates on deadlines, designs and enhancements.
- Reviewed codes, debugged problems and corrected issues.

PROJECTS

Movie Recommendation System Using Machine Learning

- Used Movie lens 100k Dataset to train the model
- Split the data into training, validation, and evaluation sets and built a generalized model
- Applied hybrid collaborative filtering approach and combined the results of the KNN and model-based SVD algorithm to predict movie ratings of the users
- Used the Leave One Out Cross-Validation technique to boost the performance of the model.

Learning Platform

- Used Javascript, HTML, and CSS in Frontend and SpringBoot in the backend
- Built the learning platform to provide online courses, lectures, quizzes, and exams to students in one place.
- Implemented Attendance management systems, Course invitation requests, Exam portal, Discussion forum, Theme integrations, and many more features.



E-Commerce Web Application

- Used Python, Javascript, Bootstrap, HTML5, CSS3
- Built attractive user interfaces for local supermarkets.
- Applied various data validations to ensure user privacy.
- Implemented Product categories, Payment Integration, Login/Sign-up Functionality, etc.

Skills

| | |
|---|--|
| Language Python, Java, JavaScript, C++, HTML, CSS | Libraries and frameworks Angular, Spring Boot, Pandas, Numpy, Matplotlib |
| Database MySQL, PostgreSQL | Documentation tools MS365, Word, Excel, Power Point |
| Management tools GitHub, GitLab CI/CD, Postman, Jenkins, Jira, Confluence | Knowledge Object-Oriented Programming, Agile Project Development, Web Development, API Integration, Software Development, Data Science |
| Operating System Linux(Ubuntu), Windows | |

EDUCATION

| | |
|---|--------------------------|
| Master of Science [MS] in Künstlicher Intelligenz <i>Brandenburgische Technische Universität</i>  | 2023 – present Germany |
| Data Mining Data Governance Database Management Machine Learning with Datasets and Statistical Methods Data Warehousing Causal Data Science Neural Networks Deep Learning Large Language Models | |
| Bachelor of Engineering in Computer Science <i>Anna University</i>  | 2016 – 2020 Chennai |
| Java C Python MySQL HTML CSS Javascript Networks Software Engineering Principles Project Management | |

Languages

| | |
|----------------------|---|
| English C1 | German B1 (B2: Actively studying) |
|----------------------|---|

CERTIFICATES

| | | |
|---|---------------------------------------|----------------------------|
| • REST API using Spring REST | • Spring Boot and Angular-React Stack | • Web Technology Landscape |
| • Modern JavaScript for Web Development | | |