

## Rohit Kumar Gupta

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### Profile Summary

Master's student in Artificial Intelligence at IU Berlin with hands-on experience in Python, C++, and web technologies. Seeking a student software development position in Berlin to apply academic knowledge in real-world projects and contribute to innovative teams.

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### Education Master of Science in Artificial Intelligence

*IU International University of Applied Sciences, Berlin, Germany Oct 2025 – Present*

### Bachelor of Engineering in Computer Science

*University of Mumbai, India  
June 2018 – August 2022*

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### Work Experience

#### Software Developer

*Ocean Cognizance Pvt. Ltd., Mumbai, India  
Jan 2024 – Dec 2024*

- Developed tailored software solutions for small and mid-sized clients using Python frameworks (Django, Flask).
- Designed RESTful APIs to integrate systems, improving data exchange and reducing processing time by 30%.
- Implemented optimized data pipelines using Pandas and NumPy, enhancing efficiency and decision-making.
- Introduced coding standards and best practices, reducing bug reports by 25%.
- Collaborated with clients to define project scopes and deliver customized solutions under tight deadlines.

#### Software Developer

*Sulzer Pumps India, Mumbai, India  
Sept 2022 – Dec 2023*

- Designed and implemented a calibrator application for control and monitoring modules.
- Built the complete UI using the MFC framework in C++.
- Led the project for 7 months and demonstrated the system in Ireland.

- Deployed applications using Microsoft Visual Studio Installer Projects.

### **Software Developer Intern**

*Qikkle Solutions Pvt. Ltd., Mumbai, India*

*June 2021 – Oct 2021*

- Assisted in front-end development and improved UI accessibility.
- Tested and troubleshooted new software features.
- Supported developers in resolving technical issues.

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### **Personal Projects**

**Personality Prediction** – Predicts user personality based on social media activity. *(Python, Flask, TFIDF)*

**Stock Updater** – Sends daily stock updates via SMS or email. *(Python, API, SMTP)*

**Automated Birthday Wisher** – Sends automated birthday wishes to users from a database. *(Python, Pandas, SMTPLIB)*

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### **Technical Skills**

**Programming:** Python, C++, Java, SQL

**Frameworks & Tools:** Django, Flask, Visual Studio, Git

**Databases:** MySQL, SQLite

**Web Technologies:** HTML, CSS, PHP

**Other:** Data Structures, Algorithms, Linux, MS Office

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### **Languages**

English – Full Professional Proficiency

German – Basic Knowledge (A1)

Hindi – Native Proficiency

Marathi – Full Professional Proficiency

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### **Certifications**

- The C++ 20 Masterclass Advanced (Udemy)
- The Complete Data Structures and Algorithms (Udemy)
- 100 Days of Code: The Complete Python Pro Bootcamp (Udemy)
- Data Analysis with R Programming (Coursera)