

# MOHAMMAD ZUHAIB KHAKI

☎ +919079689080  
✉ zuhaibkhaki.cqai@gmail.com  
🌐 /zuhaibkhaki  
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## Interests

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Proactive and solution-oriented AI professional with a background in mathematics. Passionate about designing and developing scalable ML systems to drive business value and innovation particularly with LLM-based applications. Intrigued by the possibilities of NLP, Generative-AI, Computer Vision and applications of mathematics to data science and deep learning.

## Experience

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March 2024 - Present	<b>AI Engineer at Chinar Quantum AI</b> , Srinagar, J&K, India. (Hybrid)
November 2023 - January 2024	<b>AI Engineer at AIQuantum.ai</b> , Srinagar, J&K, India. (Hybrid) <i>My role primarily focused on implementing conversational features using Natural Language Processing (NLP) to enhance user interactions and streamline the booking process for end users in an AI-powered MVP solution for doctor-appointment bookings.</i>

## Education

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2018 - 2021	<b>BSc (Hons) Mathematics</b> , GPA 8.16/10, University of Delhi, New Delhi, India. <i>Courses: Real Analysis, Introduction to C++ programming, Introduction to Databases, Linear Algebra, Abstract Algebra etc.</i>
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## Volunteer Experience

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May 2023 - Present	<b>Instructor</b> , Chinar Quantum AI <i>Responsibilities: Delivered sessions and managed the cohort for Python for Data Science</i>
January 2019 - January 2020	<b>Member</b> , Technical Team, Enactus Shivaji

## Summer Schools & Courses

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January 2023	<b>Machine Learning in Python with Scikit-Learn</b> , France Université Numérique & Inria
July 2022	<b>Deep Learning Summer School</b> , Neuromatch <i>Project: An Empirical Study of Catastrophic Forgetting in Transfer Learning</i>

## **Skills**

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### **Programming**

- Python (Langchain, Scikit-Learn, NumPy, Pandas, Matplotlib, Plotly, Dash)
- C++
- HTML & CSS

### **Version Control**

- Git, GitHub

### **Database Management**

- MongoDB, PyMongo

### **IDEs**

- VS Code