

Farhan Khan

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EXPERIENCE

CODELISSIAN (Remote)

March 2024 – Present

Android Developer Intern

Raipur, Chhattisgarh

- Spearheaded the Android team as a lead developer, achieving a 20% increase in project completion rate by streamlining collaboration between backend developers, UI/UX designers, and Android developers
- Architected and implemented high-performance features using Jetpack Compose for social media and rental apps, ensuring adherence to industry standards and achieving 25% faster load times

KMicro Tech Inc. (Hybrid)

May 2024 – July 2024

AI Intern

Gurugram, Delhi

- Conducted extensive research on OT cybersecurity, identifying trends and key players to enhance accuracy by 30% while implementing AI solutions in cyber kill chain analysis, achieving a 25% improvement in threat detection
- Leveraged Raspberry Pi for AI cybersecurity projects, demonstrating advanced IoT integration and innovative applications, significantly enhancing practical understanding of cybersecurity principles and applications by 30%

PUBLICATIONS

- Nidhi Mishra, Farhan Khan, and Amit Mishra. **Revolutionizing Text Summarization: A Breakthrough in Content Compression** [J]. Int J Performability Eng, 2024, 20(1): 40-47
- Gupta, A., Mishra, N., Khan, F., & Rawat, A. (2024). **Implementation of a URL shortener using serverless computing**. In CRC Press eBooks (pp. 18–23). <https://doi.org/10.1201/9781003510833-4>

PROJECTS

F – URL SHORTENER

- Built a scalable URL shortener utilizing serverless computing hosted on Vercel, reducing processing time by 30%
- Improved URL management performance by 25% through Redis, enhancing scalability

AIRBNB CLONE

- Created with React Native, Clerk Auth, Reanimated, and React Maps, increasing user onboarding efficiency by 20%
- Optimized performance using component-based architecture, achieving a 15% reduction in load times effectively

FNEWS

- Developed FNews, a modern news app using Jetpack Compose, Clean Architecture, and Dependency Injection. Incorporated Coil for image loading, Retrofit for networking, and Paging3 for efficient data loading
- Aimed to provide users with a seamless experience in discovering and reading the latest news worldwide

TEXT SUMMARIZATION USING FUZZY C-MEANS CLUSTERING

- Engineered Text Summarization with NLP and Longformer, improving performance by 20% using NumPy and Pandas
- Achieved 30% better precision, recall, F1 scores, aiding decision-making with scikit-learn, TfidfVectorizer

EDUCATION

AMITY UNIVERSITY

2021-2025

Bachelor of Technology

Noida, Uttar Pradesh

Cumulative GPA: 8.68/10.0; Major in Computer Science

Relevant Coursework: Cloud Computing, Software Engineering; Android; Algorithms; Artificial Intelligence

HAPPY SCHOOL

New Delhi, India

XII: Percentage: 80.6

Board: CBSE

Medium: English

LEADERSHIP/ EXTRA CURRICULAR

CHESS (SANGATHAN 2022, AMITY UNIVERSITY) GOLD MEDAL

September 2022
Noida, Uttar Pradesh

- Orchestrated a game-changing strategic initiative leading to the college chess team clinching a historic Gold Medal at the renowned Sangathan sports event in 2022, marking a resurgence post a four-year championship hiatus

CHESS (SPORITKON 2024, BENNETT UNIVERSITY) SILVER MEDAL

February 2024
Noida, Uttar Pradesh

- Masterminded the team's triumphant journey to securing a Silver Medal in Chess at the Sportikon 2024 Inter University Competition, hosted by Bennett University

CHESS (SANGATHAN 2023, AMITY UNIVERSITY) BRONZE MEDAL

September 2022
Noida, Uttar Pradesh

- Led the team to a commendable achievement of securing a Bronze Medal in Chess at the esteemed sports event in 2023, showcasing unwavering leadership and strategic acumen

ADDITIONAL

- **Technical Skills:** Mobile Applications, Cloud development, Web Development, Serverless Computing, Data Science, ML, NLP, Git, GitHub, Operating System, TypeScript, JavaScript, React, React Native, Expo, Kotlin, Compose, Java, Flutter, HTML, CSS, Python, C, C++
- **Soft Skills:** Team Oversight, Interpersonal Fluency, Organizational Proficiency, Versatility, Creativity, Collaboration
- **Languages:** English, Hindi, Urdu
- **Certifications & Training:**
 - Android Jetpack Compose: The Comprehensive Bootcamp by Paulo Dichone -Udemy
 - Flutter & Dart - The Complete Guide [2024 Edition] by Maximilian Schwarzmüller -Udemy
 - JavaScript Algorithms and Data Structures – FreeCodeCamp
 - Data Analysis with Python – FreeCodeCamp
 - Data Structures and Algorithms in Java – Coding Ninjas
 - Python for Data Science (IIT Madras) – NPTEL