Farhan Khan

Noida, Uttar Pradesh, India**|** P: +91 8882607651**|** fk95034@gmail.com
Other profile links: https://mrfarhankhan007.vercel.app/, github.com/MrFarhanKhan007 ,
linkedin.com/in/mrfarhankhan007

EXPERIENCE

KMicro Tech Inc. (Hybrid)   **May 2024 – Present**
AI Intern   *Gurugram, Delhi*
- Conducted comprehensive research on Operational Technology (OT) companies and their cybersecurity products, identifying key industry players and trends, leading to a 30% enhancement in research accuracy.
- Analyzed various cyber kill chains and explored AI-driven solutions to mitigate threats, resulting in a 25% improvement in threat detection and response times.
- Utilized Raspberry Pi for hands-on projects, demonstrating innovative applications of AI in cybersecurity, and increasing practical understanding of IoT integration by 30%.

CODELISSIAN (Remote)   **March 2024 – Present**
Android Developer Intern   *Raipur, Chhattisgarh*
- Undertook the role of an Android Developer, spearheading the Android team in project execution. Achieved a 20% increase in project completion rate.
- Architected and implemented high-performance features for social media app and rental platform using Jetpack Compose framework; ensured adherence to industry standards for performance, resulting in 25% faster load times.
- Streamlined collaboration between backend developers, UI/UX designers, and Android developers, yielding a 25% improvement in project delivery timelines and the development of intuitive user interfaces.

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
- Implemented a pioneering approach to building a scalable and efficient URL shortening service, resulting in a 30% reduction in processing time compared to traditional methods.
- Overcame limitations of traditional methods, delivering a reliable, scalable, and cost-effective solution for managing long URLs, leading to a 25% improvement in overall system performance.
- Tech Stack: Serverless Computing, Vercel, Redis-KV DB.

FNOTES
- Built FNotes in Jetpack Compose with MVVM architecture ensuring optimal performance and scalability.
- Leveraged Room for seamless storage and efficient CRUD operations, enhancing data management capabilities.
- Tech Stack: Compose, MVVM architecture, Dependency Injection, Room DB, Compose Navigation.

FNEWS
- Developed FNews, a modern news app utilizing Jetpack Compose.
- Aimed to provide users with a seamless experience in discovering and reading the latest news worldwide.
- Tech Stack: Compose, Clean architecture, Dependency Injection, Coil, Retrofit, Paging3.

TEXT SUMMARIZATION USING FUZZY C-MEANS CLUSTERING
- Developed an Automated Text Summarization system using NLP and Longformer, achieving a 20% improvement in performance metrics compared to existing literature.
- Simplified document understanding, aiding decision-making and improving data accessibility with succinct summaries, outperforming benchmark studies by 30% in precision, recall, and F1 score metrics, underscoring the project's innovative approach and superior efficacy.
- Tech Stack: NLP, pandas, numpy, scikit-learn (sklearn), TfidfVectorizer, StandardScaler, matplotlib.

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)   **September 2022**
GOLD MEDAL   *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)   **February 2024**
SILVER MEDAL   *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)   **September 2022**
BRONZE MEDAL   *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, Serverless Computing, Data Science, ML, NLP, Git, Operating System, Compose, React Native, Flutter Kotlin, Java, Python, Dart, C, C++,React, HTML, CSS JavaScript, TypeScript
- **Soft Skills**: Team Oversight, Interpersonal Fluency, Organizational Proficiency, Versatility, Creativity, Collaboration, Persistence
- **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