Kashif Ali Khan

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SUMMARY

Experienced Software Developer skilled in AI integration, cloud technologies, and project leadership. Proven track record of developing efficient AI software for industrial applications, mentoring teams, and collaborating across teams in technical and business strategy. Recognized for innovative project solutions and contributing to digital transformation initiatives.

EDUCATION

- **Axis Institute of Technology and Management** Uttar Pradesh, India
  B.Tech in Computer Science Engineering; GPA: 7.8 *2023 – Present*

PROFESSIONAL EXPERIENCE

- **Best Mould Machine and Engineering Works** Uttar Pradesh, India
  Software Developer *July 2022 – Present*
  - **Developed Generative AI Software**: Created generative AI software for automated 2D CAD model creation on CNC machines. Utilized Azure Virtual Machines and APIs, increasing production efficiency by 25%.
  - **Optimized Algorithms**: Enhanced algorithm functionality, reducing CAD rendering latency by 30% across multiple devices to improve user experience.

- **Topmate Sessions** Hybrid
  Technical Mentor & Interview Coach *Apr 2021 – May 2023*
  - **Conducted Technical Sessions**: Led 24+ mentoring sessions focused on interview preparation, technical development, and business strategy, helping participants increase job readiness.

- **Umeed – A Drop of Hope (NGO)** Kanpur, India
  Intern - Marketing, HR, and Finance *Jan 2022 – Feb 2022*
  - **Led Volunteer Recruitment and Fundraising**: Organized cross-functional recruitment drives and led fundraising efforts, achieving 100% of project funding goals for community initiatives.

PROJECTS

- **Blessi Voice Assistant**: Developed a voice-enabled personal assistant with Azure Cognitive Services, supporting multilingual capabilities for enhanced accessibility and engagement. Increased user adoption by 20% within six months.

- **SketchCad-AI for Industrial Design**: Engineered a scalable AI-powered tool to automate 2D CAD model generation for industrial use, leveraging Azure's cloud infrastructure to meet high-performance demands.

- **Awaiki-AI Educational Transformation**: Created an innovative app that converts YouTube lectures into eBooks and audiobooks. Won the Hack4Earth hackathon, helping promote digital transformation in education and reaching 500+ downloads.

- **GPT-Scrap Integration Tool**: Designed a custom scraping tool to integrate ChatGPT without an API key, reducing processing time by 25% and enhancing cross-device functionality.

SKILLS

- **Programming Languages**: Python, JavaScript, C, SQL, Java, C++
  Cloud and AI Technologies: Azure, FastAPI, AutoCAD, Git, TensorFlow, PyTorch
  Development Tools: Git, Visual Studio Code, Jupyter Notebook, Power BI

ACHIEVEMENTS

- **1st Place, HBTU Mini Hackathon (GDG Collaboration)**: Led team in collaborative development, achieving first place.

- **Honourable Mention, Hack4Earth Hackathon**: Recognized for developing an AI-powered educational tool with transformative capabilities.

- **Certifications**: IS Audit and Controls - HKU; Programming for Everybody (Python) - University of Michigan.