MADIHAH KHAN

CONTACT

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SUMMARY

Driven Software Engineering student with hands-on experience at Microsoft and PwC, where she designed AI-powered prototypes and delivered solutions linking emerging technologies to real-world business challenges. Skilled in Python, JavaScript, cloud platforms (Azure, AWS), and data-driven development, with a portfolio of projects spanning AI productivity platforms, crypto portfolio tracking, and predictive analytics. Adept at translating technical innovation into business outcomes, presenting solutions to senior stakeholders, and thriving in agile, hybrid environments.

Key highlights:

- Internship experience at Microsoft and PwC, delivering AI-powered prototypes and consulting solutions.
- Built end-to-end software projects including AI productivity platforms, predictive analytics tools, and crypto tracking dashboards.
- Strong technical foundation in cloud, AI, and data technologies with proven ability to present to senior stakeholders.

RELEVANT SITES

- **Personal portfolio:** madihahkhan2006.github.io
- **LinkedIn:** www.linkedin.com/in/madihah-khan
- **Github:** https://github.com/madihahkhan2006
- **Youtube:** https://www.youtube.com/@MadihahKhan

SKILLS

- **Programming languages:** Python, JavaScript, HTML, CSS, SQL, Swift, C#
- **Frameworks:** ReactJS, Flask, NumPy, Matplotlib, Supabase, Scikit-learn, API's
- **Cloud & platforms:** AWS, Azure AI foundry, Copilot studio, Git, MongoDB, Phaser, RESTful API's

WORK EXPERIENCE

BOOTS   Nov 2023 - Present
Customer Advisor | part-time

- Maintaining up-to-date knowledge of products, services, and company policies to offer accurate information to customers.
- Maintaining excellent team relationships by proactively helping colleagues solve complex customer complaints, issues, and requests.

MICROSOFT

JUL 2025 - Jul 2025

Internship programme

- Designed and prototyped Notifly, an AI-powered productivity chatbot, using Copilot Studio and Azure AI Foundry to automate workflows.
- Delivered live technical demo and business presentation to Microsoft staff in London, showcasing ability to translate technical features into business value.
- Collaborated in an agile, hybrid team to integrate automation and reporting features, enhancing adaptability and real-world problem solving.

PRICEWATERHOUSECOOPERS

Aug 2023 - Aug 2023

Internship programme

- Collaborated with a cross-functional team to design a tech-driven business solution, applying structured problem-solving methods.
- Presented findings to PwC professionals, communicating technical ideas clearly to non-technical audiences.
- Explored applications of data analytics, digital transformation, and emerging technologies within consulting frameworks.

CURRYS

Sep 2022 - Sep 2023

Sales Assistant | part time

- Consistently achieved weekly sales targets while delivering strong customer experience in fast-paced retail.
- Built teamwork and problem-solving skills while resolving complex customer issues.

EDUCATION

Bachelor of Science in Software Engineering
University of Northampton

Sep 2024 - Aug 2027

Relevant coursework completed to date: Software engineering fundamentals, web development, databases design and development, problem solving and programming.

RECENT PROJECTS

Notifly (Microsoft):
- Developed an AI-powered productivity platform with chatbot for workflow automation; delivered live demo to Microsoft staff.

Crypto Portfolio Tracker:
- Built real-time tracker with PnL reporting and responsive design; integrated CoinGecko API for 150+ currencies.

Currency Converter:
- Designed responsive app fetching live exchange rates for 150+ currencies with instant UI updates.

Home Prices Predictor:
- Created ML model with scikit-learn to predict housing prices; implemented preprocessing, train/test splitting, and visualisation.