

Samarth Paliwal

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Enthusiastic Software Engineer passionate about leveraging innovative solutions to drive business growth. Adaptable professional with experience collaborating across teams in Fintech, Healthcare and Real Estate industries to improve processes and user experiences. Eager to deepen understanding and explore the diverse applications of AI/ML in a forward-thinking team focused on AI advancements.

EDUCATION

BITS Pilani Dubai

ME Software Systems
Sep 2025 | Dubai, UAE

Georgia Institute of Technology

BS Computer Science
Dec 2015 | Atlanta, USA
HCI, Databases & Networks

SKILLS

TOOLS

LLMs • Azure • Jira
Jupyter • React • Redux
Git • AWS • Docker

LANGUAGES

Python • JavaScript • SQL
Java • HTML/CSS

COURSEWORK

Blockchain
Machine Learning
Cloud Computing
Network Security
User Interface Design
Information Visualization
Database Systems
Technical Communication

ACTIVITIES

Learning Assistance Program
Tutor, Aug 2012 - Jan 2015

GT College of Computing
Study Abroad, Barcelona
Summer 2013

Volunteer – Art of Living,
GT College of Computing,
Engineers for a Sustainable
World

EXPERIENCE

M2 Exchange, *Dubai, UAE*

Jul 2024 – Present

IT Operations Engineer

- Led the rollout of Microsoft 365 Copilot, delivering one-on-one training and support to employees and leadership on AI features, boosting productivity in a fintech startup.
- Deployed and managed configuration policies across 200+ macOS endpoints using MDM, ensuring secure, standardized environments suitable for a crypto exchange environment.
- Applied systematic debugging techniques to diagnose and resolve complex issues across interconnected hardware, software, and network systems, ensuring operational continuity.
- Maintained operational stability for a high-availability, real-time trading platform, supporting critical data flows and collaborating with engineers.

Agile Healthcare, *Remote*

Jun 2021 – Jan 2023

Developer/Business Analyst

- Worked on implementation and testing of Medi Junction telemedicine app and website, helping ensure compliance with requirements/security of patient data.
- Reviewed/maintained the vision documents, JIRA feature list; conducted market research and competitive analysis to identify growth opportunities and inform product development decisions.

Self Employed, *Remote*

Jan 2019 – Dec 2021

Independent Equities Trader

- Successfully traded equities and options, increasing trading portfolio value. Analyzed market news, economic data, and company reports to inform trading decisions.

Flyhomes, *Seattle, WA*

Feb 2018 – Dec 2018

Frontend Software Engineer

- Developed responsive, multi-iteration landing pages for flyhomes.com using React, collaborating closely with designers and addressing bug fixes prior to release.
- Engineered significant enhancements for an internal Offer & User management web application (React/Redux), improving workflow efficiency for sales and operations teams.
- Developed custom, trackable launch pages for multiple US city markets, standardizing marketing analytics processes.

Sharp Health Plan, *San Diego, CA*

Apr 2016 – Jan 2018

Software Developer

- Implemented a new healthcare system to upgrade core business operations across the company. Performed development, data analytics & testing, affecting 100s of thousands of customers.
- Established data format rules for customer web portals across different business scenarios, ensuring UI efficiency & reliability. Tested data format consistency between old/new systems.
- Automated ~80% of ad hoc reporting across multiple teams, working with large sets of patient claim data, reducing query request and development time from hours to minutes.

Pfizer Inc, *Groton, CT*

Summer 2014

Software Engineering Intern

- Built a data visualization tool to monitor adoption and usage of internal pharmacological apps across Pfizer's R&D HQ reducing development time of app metric reporting by 88%.