

# Safwan Adnan

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## Summary

Analytical and driven Computer Science student with skills in AI, automation, and software development. Launched a Shopify app providing unique automated solutions for e-commerce retailers. Strong in research, teamwork, and problem-solving.

## Professional Experience

### Co-Founder & CTO, *SKNS.PK*

Self-employed, Karachi, Sindh, Pakistan

Dec 2024 - Present

- Built and managed a Shopify-based eCommerce platform, optimizing store performance.
- Integrated payment gateways, apps, and automated order fulfillment solutions.
- Implemented SEO strategies to improve site visibility and traffic.
- Designed a seamless user experience through advanced theme customizations.

### Founder & Developer, *Shopify App - WhatFlow*

Karāchi, Sindh, Pakistan

May 2024 - Present

- Created *WhatFlow*, a Shopify app for WhatsApp automation, achieving 200% user growth within three months.
- Developed with React (front-end) and Node.js/PostgreSQL (back-end); implemented self-hosted custom WhatsApp API.
- Refined features through user feedback, adding forecasting and automated marketing tools.

### IT Specialist / Junior AI Engineer, *AI Scout*

Vancouver, BC, Canada

May 2023 - Nov 2023

- Deployed AI-driven solutions, improving efficiency by 30% and reducing manual tasks.
- Audited systems and supported cross-functional teams in AI model integration.

### Software Development Intern, *Valider*

Karāchi, Sindh, Pakistan

Jan 2023 - June 2023

- Contributed to customer-facing web applications with Node.js and Express; improved data handling by 20%.
- Documented software architecture, enhancing onboarding for new team members.

## Education

### Institute of Business Administration (IBA)

Aug 2022 - Aug 2026

Bachelor of Science - BS, Computer Science

### Nixor College

2020 - 2022

A Levels, Computer Science

### Jaffar Public School

Aug 2006 - Aug 2020

O Levels, Mathematics and Computer Science

## Certifications

- **Google Cloud:** Professional Machine Learning Engineer
- **Coursera:** Machine Learning with Python

## Technical Skills

- **Programming Languages:** Python, JavaScript, SQL, Java, TypeScript
- **Frameworks & Libraries:** React, Node.js, Remix, Pandas
- **Database Management:** PostgreSQL, Oracle, Prisma, MongoDB
- **Cloud Platforms:** AWS, Google Cloud, Azure

## Projects

### *Hospital Management System (Full Stack):*

Developed a full-stack hospital management system for a DBMS course project in university.

## Languages

- **English:** Native or Bilingual
- **Urdu:** Native or Bilingual

## Specialization Areas

- **E-Commerce Solutions:** Shopify App Development, API Integrations
- **Machine Learning:** Predictive Analytics, Data Modeling, Deployment
- **Cloud & DevOps:** CI/CD, Containerization, Serverless Computing