

Nour-Allah Bek / NorPeK

I build software that runs real businesses.

#1

Class rank, B.Sc. Computer Science (GPA 4.68/5)

9+

Client systems in production at PCC Group

2nd

Place, national AI hackathon (Best Application of AI)

1

Peer-reviewed publication (IJCSIS, 2024)

PROFILE

Software engineer and General Director of PCC Group's programming division. I design, build and maintain the systems our clients run their businesses on – ERPs, e-commerce stores, AI tools – with more than nine systems currently in production across Saudi Arabia. Graduated first of my Computer Science class, published researcher, national hackathon medalist.

EXPERIENCE

General Director & Software Engineer

2024 – PRESENT

PCC Group, Programming Division · Saudi Arabia

- Founded the division and built its digital platform, pccgroup.sa, end to end; everything sold through it is my work.
- Shipped 9+ production systems for clients across Saudi Arabia: two ERPs (engineering project management; transport & logistics), e-commerce stores, portfolio websites and AI chatbots.
- Run six service lines end to end: web development, mobile apps, AI solutions, SEO, brand identity and social media.
- Own client delivery from first consultation through launch and ongoing optimization.

Data Team Lead

JUL 2023 – NOV 2023

Bloom Duck Company

- Led a small data team with daily reviews and task assignment.
- Built extraction and automation pipelines with Python, Selenium and BeautifulSoup4.
- Produced clean datasets and visual reports with Pandas, Seaborn and Matplotlib.

EDUCATION & CERTIFICATIONS

B.Sc. Computer Science – GPA 4.68/5

2019 – 2024

Imam Abdulrahman Bin Faisal University, Dammam

Graduated ranked #1 of all Computer Science students. Final-year project: Baserah, a smart stick for the visually impaired.

Huawei HCCDA, Tech Essentials

AUG 2024 – AUG 2027

Huawei Cloud · Credential ID HWDCTEDA133526

Published Research Paper, IJCSIS

JUN 2024

International Journal of Computer Science and Information Security

“High Performance Computing for Image Processing in the Medical Field: Parallelization Techniques” (ISSN 1947-5500).

SELECTED PROJECTS

PCC Group Platform

NEXT.JS · REACT · SUPABASE · FASTAPI · POSTGRESQL

The digital arm of PCC Group: the agency platform plus every product sold through it – ERP systems, e-commerce stores, portfolio websites and AI chatbots. 9+ systems in production.

pccgroup.sa

Engineering Projects ERP

PCC GROUP · NEXT.JS · ARABIC-FIRST RTL

Bilingual ERP for engineering and construction firms: project health dashboards, overdue-task tracking, supervision logs, team and staff management, reports and records.

newerp-nine.vercel.app

Maqtoura Transport Portal

PCC GROUP · REACT · VITE · RADIX UI

Operations portal for transport and heavy-haulage businesses: orders, trips, fleet and driver management, invoicing and coverage analytics. The live demo accepts any login.

maqtoura-portal.vercel.app

NORPEK: Nightfall Survivors

GAME · TYPESCRIPT · CANVAS · WEBAUDIO

Hand-coded horde-survival game with no game engine: 4 playable characters, 8 evolving weapons, 12 enemy types, three boss fights, fully procedural audio and mobile touch controls.

nightfallsurvivors.vercel.app github.com/NorPeK/nightfallsurvivors

AI-Echo — Real-Time Sports Dubbing

AI · PYTHON · SPEECH PROCESSING

Real-time AI dubbing that translates live Arabic sports commentary for global audiences, keeping the timing and emotion of the original. 2nd place and Best Application of AI at a national hackathon.

ai-echo.vercel.app github.com/NorPeK/AI-Echo

Baserah — Smart Stick for the Visually Impaired

IOT + MOBILE · FLUTTER · ARDUINO · FIREBASE

Assistive ecosystem pairing a sensor-equipped smart stick with a Flutter app: GPS tracking, Bluetooth stick-to-phone link and activity history. Built accessibility-first as my graduation project.

github.com/NorPeK/Baserahapp

SKILLS

Daily drivers

TypeScript · React 19 · Next.js · Tailwind CSS · Node.js · PostgreSQL · Supabase · FastAPI

Shipped real products with

Flutter · React Native · Python · Pandas · Selenium · Firebase · Prisma · MongoDB · Vercel · Cloudflare · Render

Working knowledge

Java · Machine Learning · Prompt Engineering · NumPy · Matplotlib · Seaborn · BeautifulSoup4 · Arduino & IoT · Huawei Cloud · Cybersecurity fundamentals

Design & growth

Figma · Photoshop · Illustrator · Canva · Technical SEO · Google Business Profile · Git & GitHub

RECOGNITION

- 2nd Place, National AI Hackathon — Best Application of AI award (AI-Echo).
- Ranked #1 of all Computer Science students (GPA 4.68/5).
- Peer-reviewed publication on HPC parallelization for medical imaging (IJCSIS, 2024).
- Huawei Cloud Certified — HCCDA Tech Essentials, valid through 2027.