

Pawan Kumar

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EDUCATION

NIT TRICHY

B.TECH IN COMPUTER SCIENCE

Expected May 2026

Cum. GPA: 8.38

NALANDA ACADEMY

GRAD. MAY 2022, KOTA, INDIA

CBSE 12 Percentage : 92.2 %

GRAD. MAY 2020, KOTA, INDIA

CBSE 10 Percentage : 92 %

LINKS

Github:// [pawannitt-26](#)

LinkedIn:// Pawan Kumar

SKILLS

LANGUAGES

C • C++ • Golang

Bash • Kotlin • TypeScript

WEB DEVELOPMENT

HTML • CSS • Tailwind CSS

Node.js • Express • React

Mantine UI • Shadcn

MongoDB • MySQL • Redis

APP DEVELOPMENT

Android Studio • KMP • Voyager

Koin • Ktor • Realm db • Retrofit

TOOLS/SOFTWARE

GIT • Postman • Figma

Tiled • Docker • Linux

LIBRARIES

Retrofit • Axios • Prettier

Husky • Linter • Redux

React Router • Turbo • Vite

ACHIEVEMENTS

- 3rd place in Pragyan Hackathon 24'

- 3rd place in TRI-NIT Hackathon 24'

- Winner of TransfNIITe'24

- Qualified NTSE from Rajasthan

- Secured **Rank 4** in IOS conducted by Silver Zone Foundation in 2020.

EXPERIENCE

ORACLE | PROJECT INTERN (ORACLE CLOUD DB)

May 2025 – July 2025 | India

- Built the first working **Proof of Concept** for **AutoDQ**, an automated data quality testing tool designed to check for errors as data moves through company systems.
- Developed a flexible backend service using **Fast API**, created a real-time dashboard with **React**, and integrated **Llama 3.1** AI model for intelligent testing processes.
- Successfully demonstrated improved data reliability and solved critical data quality issues, creating a pluggable service for seamless integration across enterprise systems.

NAGENT AI | SOFTWARE DEVELOPER INTERN

October 2024 - March 2025 | Hybrid

- Built a platform offering AI-driven workflows like **Ad-Video Creation**, **Pitch Deck Creation**, and **Business Plan Generation**.
- Developed a scalable **front-end** using **React** and **Turbo (Mono Repo)** and a robust **back-end** with **Node JS** and **Express**.
- Deployed and managed **cloud services** on **GCP** and optimized **SQL databases** for workflow data management.

DELTA FORCE | SOFTWARE DEVELOPER

August 2023 - Present | Trichy, India

- **Software Developer** for NIT Trichy's coding club and **App Dev team**, developing web and app projects for college activities, festivals and admin.
- Designed and developed production-ready websites and applications accessed by **10,000s** of unique visitors every year.

PROJECTS

SUPER HERO CALL CENTRE | SUPERHERO RESOURCE MANAGEMENT

Dec 2024 – Feb 2025 | India

- Developed a real-time superhero resource management game with **3D city map** using **Golang**, **MongoDB**, **Redis**, **React**, **WebSocket**, **Gemini** and **Three.js**.
- Built **real-time crime events**, strategic lineup management, and dynamic crime bar system with seamless user interaction and optimized backend calculations.

FESTEMBER APP 24' | CULTURAL FEST COMPANION APP

July 2023 – Oct 2023 | India

- Led cross-platform app development with **Kotlin Multiplatform (KMP)**, **Ktor**, and **Koin**, implementing local caching using **Realm** and navigation with **Voyager**.
- Integrated **DAuth** authentication and **Golang Fest API**, scaling to **1500+** users in **4 days** with dynamic CMS content delivery.

ACRE WISE | BLOCKCHAIN-POWERED ROW MANAGEMENT SOLUTION

Jan 2025 | India

- Developed blockchain solution for **Right of Way (ROW) management** in construction, streamlining property acquisition and communication processes.
- Leveraged **smart contracts** and **interactive mapping** to enhance transparency, automate transactions, and implement **decentralized record-keeping** for improved efficiency and cost reduction.