

**SUMMARY**

Software Developer with **1+ year of experience** delivering **14 successful projects** across **Web, Android, and Infrastructure domains**. Proficient in **Backend and Frontend development**, skilled in **Data Structures & Algorithms, Full Stack Development, Mobile App Development, UI design, Data Analytics and Machine Learning**. Demonstrated ability to take projects from **inception to deployment**, achieving measurable improvements in **user engagement, process efficiency, and cost reduction**.

**EDUCATION**

GLA University

July 2021 - **Present**

B.Tech in Computer Science and Engineering with specialization in AIML

CGPA: 8.2

Delhi Public School

June - 2021

12th Standard

90%

**EXPERIENCE**

Whatbytes

Aug 2024 – **Present**

Software Development Intern

Bengaluru

- Delivered **8 projects** for a **7million+** global user base, covering regions in Africa, Indonesia, Paris, New York and Dubai.
- Prevented 2 major cyber-attacks** and implemented **rate limiting** and **DDoS** attack prevention measures.
- Successfully **achieved an 87% reduction in monthly services cost** (from **400K to 45K**) while enhancing efficiency.

Netcamp

April 2022 – July 2022

Software Development Intern - Backend

Kolkata

- Build a real-time **in-house analytical tool** with 1-1 user events tracking, **achieving 100% user activity coverage**.
- Developed a **recurring payment subscription** model for **variable pricing, increasing retention rate by 20%**.
- Optimised bulk member upload functionality** via database sharding, improving data upload speed by 60%, from **CSV to database directly**.

**PROJECTS**

AkhilyaVeda | *Python, OpenCV, TensorFlow, NLP, MongoDB, ExpressJs, React, NodeJs, REST API, WebSockets, Flutter, Firebase, AWS*

**Present**

- Reduced doctor appointment wait** times by 50% with **real-time updates**, enhancing **scheduling** and **communication**.
- Streamlined **medical record access using Aadhar**, improving diagnostic accuracy by 40%.
- Implemented **OCR** for previous medical records, **reducing diagnosis report summarization** time by 60%.

EdTech Platform - Pentest Harbour | *ReactJs, Tailwind, Redux, MongoDB, ExpressJs, NodeJs, Firebase, RDS, SES, CloudFront*

Nov 2023 – Feb 2024

**(Freelance)**

- Built a scalable online **Learning Platform**, efficiently managing a database of 250+ recorded lectures and 17+ daily uploads.
- Designed **3 - Admin, Instructor and Students Portal** with **Payment, OTP, mailing and reviewing** services.
- Improved storage and deployment efficiency by 30% by introducing a DataLayer between Cloudinary and AWS integration.

Nityamneeds | *ReactJs, Tailwind, Material UI, Redux, MongoDB, ExpressJs, NodeJs, Firebase, REST API, WebSockets*

July 2023 – Jan 2024

**(Freelance)**

- Reduced manual processing** time by 70% by **verifying addresses** and **automatically assigning** users to respective **communities**.
- Promoted **community engagement** through **discussions, opinion-sharing**, and **issue-solving** raising **platform activity by 30%**.
- Developed a community platform for neighbours within postal areas to address local needs and issues, increasing **local engagement by 50%**.

**SKILLS**

**Programming Languages:** Java, Python, JavaScript, TypeScript, HTML, CSS

**Frameworks:** ReactJS, NextJS, NodeJS, ExpressJS, Flutter, Flask, Material UI, Tachyons, Tailwind

**Databases:** MongoDB, MySQL, Redis, PostgreSQL, Firestore,

**Other Technologies:** Git, Docker, Firebase, JQuery, Redux, WebRTC, WebSockets, React Native, Android Studio, GraphQL, AWS

**Libraries:** Pandas, NumPy, Matplotlib, Seaborn, Scikit-Learn, OpenCV, TensorFlow, Keras

**Soft Skills:** Communication, Listening, Leadership

**CERTIFICATION**

- Google Advanced Data Analytics
- Google Cloud Big Data and Machine Learning Fundamentals
- Mobile Applications Development – Flutter and Android Studio

- Data Science with Generative AI
- Full Stack Web Development – MERN Stack
- Data Structures and Algorithms in Java – Coding Ninjas

**ACHIEVEMENTS**

- Ranked top** among **5000 participants** in **4** coding competitions - Coding Ninjas
- Secured first place** among **200 participants** – **Code N Hunt** - 2.0, GLA University
- Won Technical Project Presentation** among **160 participants** – **IBM**, GLA University
- Finalists** in **National Hackathon - Flipkart Grid 5.0**
- Finalists** in **GLATHON**, GLA University

**POSITIONS HELD**

- Teaching Assistant, Coding Ninjas** – Resolved doubts for **230+ students**
- Mentor Full Stack Web Development** – Guided **140+ students**
- Head of Technical Department**, Code Busters Club - GLA University
- Head of Organising Team, TEDx GLAU** - GLA University
- Coordinated 3 events and 2 awareness programs for GFG Student Chapter, Entrepreneur’s Cell and Nature’s Club, GLA University