Shivam Kumar

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⌨ [Portfolio](#) | ⚙ [Github](#) | ▦ [LinkedIn](#) | [LeetCode](#) | [CodingNinjas](#) | [GFG](#)

Supertech Ecovillage 1

Greater Noida(west) – 201306

Gautam Budh Nagar, Uttar Pradesh, India

SUMMARY

Software Developer with **over a year of experience** delivering **7 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 – May 2025*
B.Tech in Computer Science and Engineering with specialization in AIML	CGPA: 8.2
Delhi Public School	*June - 2021*
12th Standard	90%

EXPERIENCE

Astuto *March 2025 – **Present***
Associate Software Engineer

- Processed **10+ metrics AWS cost-watchers and analyzers** data to obtain detailed insights about **achieved and potential savings of the product**.
- **Designed** and **developed** a Ticket Portal for **tracking bugs, progress and enhancements** needed in services, improving resolution efficiency by 70%.
- Curated **S3 insights** to **flag old-versioned and low-access buckets**, enabling up to 40% **storage cost reduction** via automated Glacier transitions.

Whatbytes *Aug 2024 – Feb 2025*
Backend Developer Bengaluru
Software Developer Intern

- Built an **Event Live Streaming Platform** with **automatic video quality adjustment**, **live translation**, **10+ languages subtitles**, and **live messaging**.
- Developed an **Automated Website Scraper** extracting **1 M+ business records/month** for **lifestyle Explorers and Designers**.
- Created an **AI-powered Website Generator**, delivering **fully functional sites** in under **60 sec** with **on-the-fly modifications** and **deployment**.

EVG Software Solutions *Feb 2024 – July 2024*
Software Developer Intern Gurgaon

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

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 summarisation** time by 60%.

EdTech Platform - Pentest Harbour | *Firebase, PostgreSQL, ReactJs, ExpressJs, NodeJs, SES, CloudFront, AWS, WebSockets* *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.

SKILLS

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

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

Databases: MongoDB, MySQL, Redis, PostgreSQL, Firestore

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