Shivam Kumar

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SUMMARY

Computer Science student seeking challenging opportunities in **Full Stack/ Back-End Engineering and Application Development.**
Some of the skills I have worked with include **Data Structures and Algorithms, Full Stack Web Development, Mobile Application Development, UI designing, Data Analytics, and Machine Learning**. And whatever skills I may lack, I make up for my determination to learn.

EDUCATION

GLA University   July 2021 - Present
Bachelor of Technology in Computer Science and Engineering with specialization in AIML   8.2 CGPA

Delhi Public School   2021
12th Standard   90 Percentage

EXPERIENCE

Netcamp Solutions   April 2022 – July 2022
Software Development Intern - BackEnd   Kolkata
- Worked with **JavaScript**, **NodeJs**, **MongoDB, Docker, AWS**
- Developed backend **API** from scratch using **MongoDB** aggregation, aggregated query completion task for **10k people** in **1.9sec** and tested them using **Postman.**
- Integrated REST API's with the FrontEnd Application.
- Managed and added the **Payment System** with **Razorpay**.

PROJECTS

EdTech Platform | *ReactJs, Tailwind, Redux, MongoDB, ExpressJs, NodeJs, Firebase, AWS*   Nov 2023 – Feb 2024
- Created an **online Learning Platform** for **Pentest Harbour**, a startup offering 100+ cybersecurity and ethical hacking courses.
- Developed **3 panels** including **Admin**, **Instructor** and **Students** with **Payment**, **OTP**, and **mailing** services
- Used **Cloudinary** and **AWS** for storage and deployment.
- Supports **Google Sign-in** and **SSO**(Single Sign-On).
- **Progress** bar for each Student and Instructor **course** and **section completion**. Also shows the user Profile report.

TEAM PROJECTS

AkhilyaVeda | *Python, OpenCV, TensorFlow, NLP, MongoDB, ExpressJs, React, NodeJs, REST API, WebSockets, Flutter, Firebase, AWS*   **Present**
- The project solves the problem of **long queues for doctor's appointments** by connecting **doctors and patients** through a **live status** of the respective patient's time.
- The project focuses on **linking people's UID (Aadhar)** to create a single user account that links all medical records. This creates a dignified result that helps doctors understand past medical problems to solve new ones.
- **OCR** to scan the patient's **previous medical records** and **generate a concise summary** of all previous **diagnosis** reports.

Nityamneeds | *ReactJs, Tailwind, Material UI, Redux, MongoDB, ExpressJs, NodeJs, Firebase, REST API, WebSockets,*   July 2023 - **Present**
- A **Community Platform** designed to organize **neighbourhoods** within **Postal Areas into groups**, enabling users to share **daily needs and address local issues** within their community.
- This can help 100's of people to experience a social platform for sharing their views, opinions and problems within the community only.
- **Verifies address**, and **automatically adds** the user to their **corresponding community**.

SKILLS

Programming Languages: Java, Python, C/C++, JavaScript, TypeScript
Frameworks: ReactJS, NextJS NodeJS, ExpressJS, Material UI, Tachyons, Tailwind
Databases: MongoDB, Firestore, MySQL, Redis
Other Technologies: Git, Docker, REST API, Firebase, Redux-Toolkit, AWS, Flutter, Android Studio
Libraries: Pandas, NumPy, Matplotlib, Seaborn, Sklearn, OpenCV, TensorFlow, NLP
Soft Skills: Communication, Leadership, Teamwork, Problem-Solving

CERTIFICATION

- Google Advanced Data Analytics
- Google Cloud Big Data and Machine Learning Fundamentals
- Mobile Applications Development – Flutter and Android Studio
- Full Stack Development
- Data Structures and Algorithms in Java – Coding Ninjas

ACHIEVEMENTS

- **3 times College Topper** among **5000 participants** (Problem-Solving) - **Coding Ninjas**
- **1**st among **200 participants** – **Code N Hunt** - 2.0, GLA University
- Technical Project Presentation **Winner** – **IBM**, GLA University
- **Finalists** in **National Hackathon - Flipkart Grid 5.0**
- **Finalists** in **GLATHON,** GLA University

POSITIONS HELD

- Coding Ninjas **Teaching Assistant** – Solved doubts of more than **230 students**
- **Head** of **Technical Department** Code Busters Club, GLA University
- **Head** of **Organising** Team**, TEDx GLAU**, GLA University
- Successfully organised 3 events and 2 awareness Programs for GFG Student Chapter, Entrepreneur's Cell and Nature's Club, GLA University