

SHIVAM KUMAR

☎ +91-8084244086 ✉ shivamkumar027k@gmail.com 🌐 [Linkedin](#) 🐙 [Github](#) 🌐 [shivamweb.tech](#)

EXPERIENCE

Software Developer - Rajasthan Patrika

Aug 2024 - Present

- Fixed a long-standing issue with web stories by converting them to **AMP pages**, boosting visibility on Google Discover and **increasing monthly views by 107% (from less than 100k to 1.7M)**.
- Improved **SEO** for Patrika.com, addressing indexability issues, optimizing titles and descriptions, and structuring social metadata, leading to **enhanced search rankings and visibility**.
- Independently developed a scalable ePaper platform for **3.5M+ users** using **Next.js** for the frontend, **NestJS** middleware to integrate APIs, and **AWS Amplify with DynamoDB** for user data management.
- Made a login system using **AWS Cognito**, enabling user **authentication and profile management**.
- Enhanced the ePaper with features like a **crop tool**, **user profiles**, ad integration, and dynamic access to state editions via a **NestJS API** fetching data from WordPress.
- Replaced an expensive 3rd-party service, **saving crores** of rupees annually through an in-house solution.

Software Developer - Qrusible Pvt. Ltd.

Aug 2023 - May 2024

- Revamped outdated code, boosting system **performance, efficiency, and robustness** for more reliability.
- Introduced a comprehensive points system in the web app, **boosting** user engagement by **40%**.
- Developed a web-app using **React Native & AWS** with **GraphQL** for scalable data management.
- Led re-development of a cross-platform web app with **React Native** and GlueStack, enhancing UX with optimized architecture and responsive design.
- Directed the full lifecycle of a product, including UI design backend architecture with **AWS** for data storage, and utilized **GraphQL** to form table and their relations.

Data Engineer Intern - Qrusible Pvt. Ltd.

May 2023 - Aug 2023

- Automated transcript extraction, **saving 80-90% time**, and mapped extracted data to **AWS DynamoDB**.
- Co-developed **React Native** app with **AWS**, real-time sync, and revamped UI/UX for better user experience.
- Developed a Resume Converter using **PyPDF2 & OpenAI API**, mapping extracted data to **DynamoDB**.
- Integrated Google Sheets with **AWS DynamoDB** using **Node.js, Express, and GraphQL**, with an intuitive UI for data manipulation.

PROJECTS

Land Of The Dead - A 3D-PC Game 🌐

April 2023

- Developed a **C#**-based 3D PC RPG in **Unity** offering multiple characters within an expansive environment.
- Utilized **Gizmos** and Camera functionalities to enhance gameplay visuals, offering dynamic perspectives.
- Implemented particle systems to create **visual effects**, enhancing the **user experience** within the game.

GrocerE - An eCommerce App 🌐

May 2023

- Utilized **Flutter** and **Firebase** services for full-stack development and included **Firestore** for database management and **Authentication** for secure user sign-ups, logins, and password management.
- Created an intuitive interface for browsing shops, managing carts, and handling payments, with options to select or add addresses. It also features order history and favorites for quick access to preferred stores.
- Some other functionalities include a search bar, a comprehensive user profile system, and a notification system.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, C, C#

Front-end: React Native, React.js, Flutter, Next.js, Tailwind, HTML5, CSS3, Sass

Back-end/DB: Node.js, Express, GraphQL, API Integration, MongoDB, SQL, PostgreSQL, Firebase, AWS

Tools/Version Control: Git, Linux (Ubuntu, Kali), Unity, Unreal Engine, MATLAB

EDUCATION

Birla Institute of Technology, Mesra

Bachelor of Computer Applications - **88.8%**

2020 – 2023

Ranchi, Jharkhand