

# Shubham Kumar Singh

Software Developer

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## WORK EXPERIENCE

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### Software Developer

July 2022 – Ongoing

#### Gopaisa Netventures

Noida, UP, India

- \* Collaborated with cross-functional teams to understand business requirements and deliver scalable solutions, significantly improving operational efficiency.
- \* Implemented affiliate rules and link conversion in Earnly.in and GoPaisa, enabling retailers to track user referrals and identify traffic from platform users.
- \* Engineered social media integrations (Telegram, Instagram, YouTube) using OAuth, Passport.js, and third-party APIs to connect influencers' accounts with Earnly.in.
- \* Formulated the backend architecture for category and master category sections of the Gopaisa app, including maintenance panels, within 1 month.
- \* Managed deployment to testing environments, ensuring smooth handoffs for QA and UAT phases.
- \* Implemented Firebase notifications for real-time messaging, increasing user engagement.
- \* Integrated 3rd-party APIs into multiple projects, following documentation for seamless functionality.
- \* Led a 5-member team to deliver the top stores section of the Gopaisa website within a 2-week timeframe.
- \* Optimized backend systems, improving API response times and overall system performance through caching, lazy loading, pagination, and code splitting.
- \* Automated Telegram client message forwarding, reducing manual dependency and boosting efficiency.
- \* Participated in technical analysis, Architecture design discussions, and code reviews to meet deadlines.
- \* Worked closely with the recruitment team to source, interview, and onboard candidates.

## TECHNICAL SKILLS

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**Programming :** JavaScript, TypeScript, Data Structures, Algorithms Node.js, React, Redux, Express.js, Bash Script

**Frontend Technologies:** HTML, CSS, React, Redux, REST API Integration, EJS, Pug

**Backend Technologies:** Node.js, REST API, Express.js, Socket.io, JWT, OAuth

**Database and DevOps Tools:** MySQL, MongoDB, Redis, Sequelize ORM, AWS (EC2, S3), DigitalOcean, Nginx, Git, GitLab, GitHub, Docker, pm2

**Other Skills:** Firebase Notification, Postman, Telegram Bot, Bash Scripting, System Design, DSA

## PROJECTS

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### Earnly.in - Cashback and Affiliate Marketing Platform | [Website Link](#)

- :0: Developed a platform to connect influencers' social media accounts (Instagram, Telegram, YouTube) with the Earnly.in website.
- :0: Integrated social media APIs using OAuth (Passport.js) for secure verification and account connections.
- :0: Developed and implemented affiliate rules, enabling automated tracking and commission calculation for users.

### GoPaisa - Cashback and Coupon Website | [Website Link](#)

- :0: Designed and implemented the bonus (extra cashback) architecture from scratch.
- :0: Created database schemas, admin panels, and reporting tools for managing and tracking bonus cashback.
- :0: Developed secure and scalable REST APIs for bonus workflows and integrated Redis caching for performance optimization.
- :0: Designed and developed the category and subcategory sections of the GoPaisa application, including schema design, REST API development, and admin panels for seamless management.

## EDUCATION

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### Techno Engineering College Banipur

Bachelor of Technology

West Bengal, India

2016 - 2020

### DAV Kapildev Public School

Intermediate (PCM)

Jharkhand, India

2013-2015