

# Arun Kumar

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## Professional Summary

**Backend Developer** with **1.4 years of experience** in software development, including **10 months full-time** and **6 months internship** at Bastionex Infotech. Skilled in building **secure, scalable, and high-performance APIs** using **Node.js (Express)**, **MongoDB**, and **MySQL**. Experienced in **payment gateway integrations, authentication (JWT + Refresh Token)**, and large-scale **data processing**. Adept at optimizing **API performance, caching, and concurrency**. Focused on delivering **clean, reliable, and maintainable code** with strong attention to **security and scalability**.

## Work Experience

### Software Developer

Bastionex Infotech

Mar 2025 – Present

Noida, Uttar Pradesh

- Developed, tested, and deployed **RESTful APIs** for company products including **BusinessBay** and **Metaspace Marketplace**.
- Implemented **refresh token-based authentication** and **role-based access control (RBAC)** on both frontend and backend ensuring secure and persistent user sessions.
- Built transaction-based bulk data upload system to import tens of thousands of records from Excel files, ensuring atomic operations using **MySQL transactions** for rollback safety.
- Integrated **payment gateways** (Strip, RazorPay) managing 100+ daily transactions.
- Built and managed a **Redis caching layer** reducing database load by 70% and improving API latency by 75%.
- Architected and integrated a **WhatsApp Bot System** allowing business owners to host customized WhatsApp bots connected to centralized databases for customer interaction.
- Integrated the **Gupshup API** for automated journey creation and WhatsApp communication through both **Journey Builder UI** and backend webhook event handling.
- Utilized **AWS S3 buckets** to store user-generated content, rendering dynamic UI components with S3-hosted assets and Optimized UI performance by enabling real-time data rendering from **cloud storage (AWS S3)**.
- Integrated **Web3Auth** and **Web3.js** to enable secure, decentralized authentication and **blockchain** interaction within the application.

### Backend Developer Intern

Bastionex Infotech

Sep 2024 – Mar 2025

Noida, Uttar Pradesh

- Built and maintained **Node.js APIs** for NFT listing, staking, and wallet transfers within the **Metaspace Marketplace**.
- Collaborated with blockchain team to test and debug **Polygon smart contract interactions** and manage token operations (**MLD, LORD, USDT, POL**).
- Developed modular and reusable **React.js components** connecting blockchain data to frontend user actions.
- Worked with **Grafana, Docker, and Git-based CI/CD pipelines** for performance monitoring and deployment automation.

## Technical Skills

**Languages:** JavaScript (ES6+), C

**Backend:** Node.js, Express.js, REST APIs

**Databases:** MongoDB, MySQL, Redis, Prisma ORM, IPFS

**Frontend:** React.js, HTML5, CSS3, TailwindCSS, Shadcn/UI, Bootstrap, Sass

**DevOps & Tools:** Git, Postman, Grafana, Ngrok, PolygonScan, Adminer

**Core Areas:** Payment Integration, Caching, Authentication (JWT + Refresh Token), RBACs, Data Transactions, Scalability, Logging

## Education

**MCA – Full Stack Development**

ABESIT College, Ghaziabad

2022 – 2024

**Bachelor of Science**

CCS University, Meerut

2019 – 2022

**Senior Secondary Education**

Red Rose Public School, Muzaffarnagar, UP

2017 – 2019