

Arjun Purwar

Software Engineer | arjunpurwar@gmail.com | +91 9450649301 | [LinkedIn](#) | [Github](#) | Mumbai

Software Engineer with 3 years of experience in designing and implementing scalable backend solutions, optimizing high-volume data migrations, and automating workflows for banking services. Proficient in Java, Spring Boot, Node.js, React and Next.js, with expertise in cloud technologies, Kubernetes, Docker, AWS, and Redis. Skilled in CI/CD pipelines, secure authentication (Keycloak, Cognito, JWT, OAuth), and system monitoring using the ELK stack. Demonstrated success in delivering high-performance, secure, and scalable solutions while ensuring operational efficiency and user-friendly interfaces.

Technical Skills

- **Programming Languages:** Java, Node.js, SQL, React, JavaScript, TypeScript
 - **Frameworks & Technologies:** Spring Boot, NestJS, Kubernetes, Docker, gRPC, Istio, Pub/Sub, WebSocket
 - **Databases:** MySQL, Oracle, Redis, AWS S3, Firestore
 - **DevOps & Cloud:** AWS (EKS, Lambda), GCP (GKE, CloudRun), CI/CD Pipelines, Auto Scaling Groups, Nginx
 - **Authentication & Security:** Keycloak, Cognito, JWT, OAuth
 - **Monitoring & Logging:** ELK Stack (Elasticsearch, Logstash, Kibana), PM2
 - **Frontend Technologies:** React, Next.js, Redux, Tailwind
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Professional Experience

Software Engineer

RBL Bank, Mumbai | (July 2023 – Present)

- Delivered the ABACUS digital journey using React, Node.js, Oracle DB, and Redis, reducing account opening processing time by 35%. [Website Link](#)
- Built APIs for fund transfers (NEFT, RTGS, IMPS) and digital FD registration, streamlining processes.
- Designed CRON/ETL jobs for data processing and AWS integrations.
- Developed a robust document management system with high-volume data migration, optimized scalability, caching, and monitoring, ensuring fast, reliable, and secure operations.

Technology Trainee

RBL Bank, Mumbai | (July 2022 – June 2023)

- Integrated bank APIs with RazorpayX and PayU, improving transaction workflows and increasing success rates by 40%.
 - Conducted manual testing and collaborated with clients to enhance payment services.
 - Built a secure, scalable in-house URL shortening platform, automating bulk processing, enhancing API security, and integrating seamlessly with banking services.
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Personal Projects

Blogging Website

- Created a blogging platform using React, Node.js, and Tailwind CSS, deployed on Vercel and Cloudflare Workers.
- Features user registration and blog creation. ([Website](#))

Exchange Project

- Designed and developed the Backpack Exchange system end-to-end with 6+ microservices using Node.js and Java.
 - Implemented Pub/Sub messaging, Redis, time-series databases, and WebSocket for real-time data processing.
 - Delivered a scalable and modular architecture capable of handling and processing thousands of requests efficiently.
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Education

B.Tech in Computer Science

KIIT Deemed to be University, Mumbai (2018 - 2022)

GPA: 9.0/10