

ARPIT UJJWAL

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Professional Summary

Results-driven Lead Software Engineer with over 3 years of experience designing and scaling web and data platforms using **React.js, Node.js, and AWS**. Skilled in building cloud-native, highly reliable systems by applying SRE and DevOps practices, architecting automated **CI/CD pipelines**, and implementing monitoring and observability for business-critical applications. Demonstrated ability in data modeling, optimizing system performance, and enhancing data quality and security (OAuth2, RBAC). Experienced in agile teams, mentoring engineers, and collaborating with cross-functional partners to deliver quantifiable business impact and commercially-focused technology solutions.

Education

APJ Abdul Kalam Technical University
Bachelor of Technology (Computer Science)

Aug. 2019 – Aug. 2024
Gr. Noida, Uttar Pradesh

Experience

Lead Software Engineer

Apr. 2025 – Present

Baaz Bikes (Elec torq Technologies Pvt. Ltd.)

Gurugram, Haryana

- Engineered and scaled reliable cloud-native platforms using **AWS** (S3, Lambda, Amplify), implementing observability, proactive monitoring, and automated CI/CD pipelines to ensure high availability and rapid incident response.
- Led migration of key services to scalable architectures, optimizing resource utilization and cost for event-driven workloads by leveraging best practices in **DevOps** and SRE.
- Built real-time fleet analytics and low-latency allocation systems leveraging **Kafka, Node.js, MongoDB, and React Query**, supporting data-driven operational improvements and reducing system latency by 60%.
- Instrumented monitoring and alerting with dashboards inspired by **Grafana** and metrics principles used in **Prometheus**, enhancing application performance visibility and reducing mean time to recovery (MTTR).
- Refactored and modularized codebases for enhanced maintainability, improving release velocity and fostering resilient SDLC practices across the team.
- Implemented security features like **OAuth2**, RBAC, and XSS protection, driving security incident prevention and leading root cause analyses for critical events.
- Championed a culture of operational ownership by leading post-incident reviews, mentoring 12+ engineers in observability, SRE strategies, and enabling a commercial impact-focused team mindset.

Software Engineer

Apr. 2022 - Mar. 2025

Baaz Bikes (Elec torq Technologies Pvt. Ltd.)

Gurugram, Haryana

- Developed event-driven microservices and backend automations using **AWS Lambda**, improving scalability, reliability, and reducing operational overhead.
- Designed and delivered full-stack dashboards with **React.js, Node.js, RESTful APIs**, supporting critical business and analytics decision-making within a cloud-first architecture.
- Configured CI/CD pipelines and managed large-scale asset delivery using **AWS S3, CloudFront**, and Amplify, ensuring fast, secure, and reliable access for end-users.
- Established and monitored cloud infrastructure usage, handling capacity planning and cost optimization for high-volume workloads.
- Promoted best practices in DevOps, data modeling, and modularization, ensuring traceability, data quality, and performance across the SDLC.

Skills

- **Frontend:** React.js, Next.js, Redux Toolkit, Tailwind CSS, Formik, Zod
- **Backend:** Node.js, Express.js, REST APIs, Kafka, MongoDB, MySQL
- **Cloud/DevOps:** AWS (Lambda, EC2, S3, Amplify, EKS, ECR), Docker, Kubernetes, CI/CD, Grafana, Prometheus
- **Languages:** JavaScript, TypeScript, Python, Java, C++, SQL, HTML/CSS
- **Tools:** VS Code, GitHub, Postman, Firebase, GCP, Xcode, Android Studio