

# Bikash Rajkhowa

Software Engineer passionate about building scalable, reliable, and user-centric applications with modern web technologies.

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## Relevant Experience

### Software Engineer • Byju's Nov 2022 — Apr 2023

- Built Quotation-Beta for BYJU's Kart order-punching system with complete payment integration, using JavaScript, React, Reactstrap, Node.js, and Express.
- Engineered the platform to optimize sales request handling, improving response efficiency and order accuracy.
- Developed and integrated microservices to enhance scalability and streamline system functionality.
- Analyzed business requirements and delivered high-quality solutions under tight timelines.
- Designed and migrated serverless APIs, boosting performance and reducing infrastructure overhead.
- Worked in a fast-paced Agile environment contributing to both backend and frontend development across multiple internal tools.

### Associate Software Engineer • Byju's Oct 2021 — Nov 2022

- Developed and maintained BYJU's middleware application, improving system integration and reliability across services.
- Created payment-config and user-config modules for unified cross-team data management.
- Designed and implemented RESTful APIs to support web functionality and data operations.
- Executed data-fix scripts to efficiently process and correct large datasets in production.
- Migrated and optimized database operations, enhancing performance and maintainability.

## Projects

### Personal Portfolio Website

- Built a responsive portfolio website using Next.js and Tailwind CSS with subtle, modern animations.
- Showcases skills, experience, and projects through interactive previews and clean UI.
- Integrated EmailJS for automated notifications and deployed on Vercel for fast, reliable performance.

### Footscribe90

- Developed a responsive football blog web app with role-based access, Google OAuth, and secure session management.
- Implemented interactive features to boost engagement and streamline content management.
- Built with Next.js, Node.js, Express, MongoDB, PostgreSQL, AWS for a robust, scalable architecture.

### Generic Serverless API • Byju's

- Built a serverless API for a government client, designed to handle large-scale school order-punching efficiently.
- Used AWS Lambda, SQS, and related services to ensure scalability, reliability, and smooth asynchronous processing.
- Implemented validations, rate limiting, and optimized request handling to maintain performance and data integrity.

## Skills

### Programming Languages

Javascript, Typescript, C++, HTML, CSS

### Libraries & Frameworks

React, Next.js, Node.js, Express.js, Tailwind CSS

### Database & Cloud

MongoDB, PostgreSQL, AWS

### Tools & Platforms

Git, Vercel, Docker, JIRA, CI/CD pipelines

## Education

### Bachelor in Computer Application

Presidency College, Bangalore (2020)

Relevant coursework: Web Development, Algorithms, Database Systems

## Interests

Passionate about music and creativity, I enjoy playing the guitar, exploring strategy-based games, & going on long bike rides that help me recharge & stay inspired.