

Bishwajit Karmaker

Junior Data Engineer / Backend Developer | Mathematics | Python | PostgreSQL | REST APIs

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PROFILE

Junior software and data professional with a Bachelor of Science in Mathematics and hands-on experience with Python, Django REST Framework, PostgreSQL, relational data modelling, REST APIs and production deployments. Experienced in designing structured backend domains, validating transactional data, debugging through logs and API responses, and maintaining database-backed applications. Seeking to develop further in data engineering, ETL, database systems and scalable data processing.

TECHNICAL SKILLS

Programming	Python, TypeScript, JavaScript, HTML, CSS
Data & Databases	PostgreSQL, relational data modelling, Django migrations, SQL fundamentals, data validation
Backend & APIs	Django, Django REST Framework, REST API design, serializers, authentication/authorization, JWT
Tools & Delivery	Git, GitHub, GitLab, Linux, Railway, Vercel, VS Code, environment configuration, log-based debugging
Engineering	API integration, permissions, transactional workflows, testing/debugging, maintainable project structure

SELECTED SOFTWARE PROJECTS

OPSHUB - Multi-tenant Operations, Finance & POS SaaS | 2025-Present

Tech: Python, Django REST Framework, PostgreSQL, Next.js, TypeScript, REST APIs | Status: active V1 development

- Designing a multi-tenant business platform with organization- and branch-scoped data models across POS, inventory and finance workflows.
- Implementing permission-controlled backend workflows, validation and transactional business logic with emphasis on data integrity and auditability.
- Working extensively with relational models, migrations, API contracts and structured production-style debugging.

Linda Art Gallery - Client Project | 2025-2026

Tech: Django REST Framework, PostgreSQL, Next.js, TypeScript, Railway | Live: lindaartgallery.de

- Developed and deployed a production gallery platform for a real client, including media management, validated contact workflows and email integration.
- Maintained the deployed application and diagnosed production issues using logs, API responses and configuration analysis.

Portfolio Web Application | 2025-Present

Tech: Django REST Framework, PostgreSQL, Next.js, TypeScript, JWT, Railway, Vercel | Live: abdullahstack.com

- Built a full-stack application with CRUD APIs, relational data models, validation, JWT authentication and protected frontend areas.

PROFESSIONAL EXPERIENCE

Sport Voswinkel GmbH (Intersport), Berlin | Store Associate | 2024-Present

- Work with SAP-supported merchandise and operational processes in a high-volume retail environment.
- Execute structured workflows and documentation accurately under time pressure while coordinating with colleagues and customers.

EDUCATION

BRAC University, Dhaka | Bachelor of Science in Mathematics | 2018

Full-Stack Web Development Bootcamp (in-class) | 2021 | HTML, CSS, JavaScript, Ruby, Ruby on Rails

LANGUAGES

English: Fluent | German: Professional communication | Bengali: Native