

Arnop Singh Durjoy Software Engineer



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PROFILE

Passionate Software Engineer & Developer with **1 year of professional experience** in full-stack development and business intelligence (BI) solutions. Highly skilled in building modern web applications, creating **data-driven solutions**, and automating business processes. Dedicated to leveraging strong technical expertise and creative problem-solving to deliver exceptional, scalable digital experiences.

PROFESSIONAL EXPERIENCE

11/2024 – 12/2025

Dhaka

Teletalk BI

Jr. Software Engineer

- **Managed and maintained** complex Business Intelligence (BI) dashboards and reporting systems using **Tableau** to support executive decision-making.
- **Developed and deployed** internal web portals and applications to streamline data access and reporting workflows.
- **Automated** critical business processes and workflows using **Python** and **Bash scripts**, resulting in increased operational efficiency.
- **Optimized** database performance and managed data pipelines within **Oracle** environments to ensure data integrity and accessibility for BI operations.
- **Collaborated** with cross-functional teams to gather requirements and deliver scalable full-stack web development solutions.

03/2024 – 10/2024

Dhaka

Oracle Coaching Center

ICT Teacher

- **Taught** the full Higher Secondary School Certificate (HSC) ICT curriculum, covering programming, database basics, and networking.
- **Prepared** students for board exams through comprehensive training, hands-on lab sessions, and practical problem-solving techniques
- **Designed** comprehensive lesson plans and practical exercises aligned with the official ICT syllabus.
- **Mentored** and guided a cohort of students, significantly enhancing their understanding of foundational computing concepts.

SKILLS

1. Core Programming & Web Development

- **Frontend:** HTML5, CSS3, JavaScript, React
- **Backend:** Python, C, C++, Java, Bash Script
- **Web Frameworks:** Flask

3. Tools, Platforms, & DevOps

- **Version Control:** Git
- **Cloud/Hosting:** AWS, Netlify
- **Build Tools:** Apache Maven
- **Automation:** Workflow Automation, Bash Script

2. Databases & Business Intelligence (BI)

- **Databases:** MySQL, Oracle, MS SQL Server
- **BI & Data:** Tableau, SQL, Oracle Developer
- **Data Skills:** Data Processing, Data Visualization, Data Pipeline Management

4. Design & Software

- **Design Tools:** Figma, Adobe XD, Illustrator, Canva

EDUCATION

01/2015 – 04/2017 **Mymensingh Laboratory High School**
Mymensingh Secondary School Certificate(SSC)

05/2017 – 05/2019 **Gov Sohid Smriti Collage**
Mymensingh Higher Secondary School Certificate(HSC)

01/2020 – 12/2023 **North South University**
Dhaka Bachelor of Science in Computer Science and Engineering

01/2024 – 10/2025 **JahangirNagar University**
Dhaka Professional Master in Information and Technology(PMIT)

PROJECTS

06/2025 – 06/2025 **Zone Dim Updater** 
Lightweight Web-Based Tool for Telecommunication Data Management

- **Engineered** a web-based tool to **automate** the data synchronization process for telecom engineers managing BTS/site information.
- **Managed** the end-to-end process: uploading Excel files, converting data to **CSV**, transferring via **SFTP**, and updating **Oracle DBs** across different environments.

05/2025 – 05/2025 **Dealer Info Portal** 
Flask Application for Centralized Dealer Data Access

- **Developed** a full-stack web application using **Flask** to enable internal teams to fetch critical dealer data from an **Oracle DB**.
- **Streamlined** data retrieval by implementing search functionality based on short code, hierarchy level, and date range.
- **Enhanced** reporting capability by allowing users to export filtered results directly to a **CSV** file.
- **Designed** a clean UI with date-only filtering, improving internal efficiency and reducing manual data requests.

07/2025 – 07/2025

Call Drop Report Automated ☀

Automated Telecommunication Call Data Record Reporting System

- **Created** a professional-grade portal to automatically **generate and distribute** Call Drop Reports based on monthly or selective date ranges.
- **Provided** necessary visualization and data organization for executives to track network quality and service drops efficiently.

03/2025 – 03/2025

Savoy Ice Cream Dataentry ☀

PyQt5 Inventory/Sales Data Management Application

- **Developed** a **PyQt5** desktop application for managing product data (Total TP and MRP) for inventory and sales purposes.
- **Implemented** automatic calculations and robust data entry forms with error handling to ensure data integrity.
- **Provided** a minimalistic UI, dynamic table management, and the crucial ability to **export records directly to Excel** for financial review.

08/2025 – 08/2025

Transection Portal ☀

Professional-Grade Desktop Tool for Oracle SQL Query Management

- **Designed** a professional **PyQt5** application to fetch, display, and export financial/transaction data using custom **Oracle SQL queries**.
- **Integrated** robust export functionality to **CSV/Excel** and comprehensive error handling for reliable data operations.
- **Accelerated** data analysis workflows for users who require frequent, customized reports from the Oracle database.

09/2025 – 12/2025

Teletalk Inventory Management System

Site and Inventory Management Tool via React

- Dedicated inventory management solution for Teletalk to track and manage
- **Implemented** features for real-time stock updates, reporting, and asset allocation management.
- **Improved** internal tracking efficiency and accuracy of inventory data for operations teams.

12/2025 – 12/2025

React-Based Database Monitoring Dashboard

Real-Time Database Monitoring and Visualization Tool

- **Developed** a responsive monitoring dashboard using **React** to visualize real-time database performance metrics
- **Provided** a graphical interface for continuous performance tracking, enabling proactive identification of bottlenecks.
- **Integrated** with the underlying database to ensure data currency and reliability for system administrators.

DECLARATION

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief.



Arnop Singh Durjoy(Aronno)