

# Abhinaba Adhikari

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## Summary

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Software Engineer with experience in building scalable internal tools and client-specific systems. Skilled in JavaScript, PostgreSQL, and end-to-end delivery—from gathering requirements to HLD/LLD design and deployment. Strong focus on performance, usability, and collaboration.

## Professional Experience

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### ToolJet

**Solution Engineer** | Aug 2023 – Present

- Led multiple end-to-end client implementations, from gathering technical requirements to building full-scale solutions using ToolJet.
- Designed high-level (HLD) and low-level (LLD) architectures for internal business tools, ensuring modularity, scalability, and long-term maintainability.
- Authored Product Requirement Documents (PRDs) and contributed to system design documentation to streamline development workflows and client alignment.
- Conceptualized the idea of Multi-Page Apps, contributing to a significantly improved UX and paving the way for future enhancements in ToolJet.
- Collaborated cross-functionally with product, engineering, and support teams to debug, refine, and deploy tailored features in fast-paced, agile environments.
- Utilized JavaScript, PostgreSQL, REST APIs, and UI design to build robust, user-centric applications.

### BYJU'S

**Associate Software Engineer** | Sep 2021 – Mar 2023

- Played a pivotal role in the early development of BYJU'S Tuition Centre initiative, contributing to the foundational tech infrastructure across distributed classroom centers.
- Spearheaded the design and full-stack development of the Student Asset Service, a critical internal platform for managing report cards and learning materials.
- Collaborated closely with the internal product team and ToolJet to establish low-code environments that significantly improved operational efficiency and internal tooling velocity.
- Regularly worked on backend logic, API integrations, and data consistency layers using JavaScript, Node.js, and PostgreSQL.
- Maintained a strong focus on reliability and scalability, proactively identifying performance bottlenecks and implementing robust fixes across services.

## Education

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### B.Tech. in Information Technology

Asansol Engineering College, West Bengal | 2017 - 2021

### Higher Secondary

Burnpur Riverside School, Chittaranjan | 2016 - 2017

## Skills

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- Languages & Frameworks: JavaScript, Python, C, C++, SQL, React.js (basic)
- Web & UI: HTML, CSS
- Databases: PostgreSQL, MySQL, Snowflake
- Backend: Node.js, Nest.js, REST APIs
- Foundations: Data Structures, Algorithms, Problem Solving
- Tools & Practices: ToolJet, Git, Agile
- Soft Skills: Teamwork, Communication

## Certifications

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- Build Responsive Real World Websites with HTML5 and CSS3
- JavaScript for Beginners – Practical Exercises
- Complete Python Bootcamp
- Linux Command Line Basics
- Agile Foundation using Jile

## Awards

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- Tech-X Awards 2022 – Deliver Results & Outcome (Team)
- Nominated for "Day in the Life of a Techie!"

## Languages

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English (Professional), Bengali (Native), Hindi (Native)