

# AKASH

DATA / BUSINESS ANALYST

## CONTACT

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Location: Bengaluru, India

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Portfolio: <https://voidomin.github.io/resume-website/portfolio/>

## SKILLS



## PROFESSIONAL SUMMARY

Data-driven Development Engineer and Business Analyst with hands-on expertise building analytics solutions, optimizing data pipelines, and automating reporting systems. Proficient in SQL, Python, Excel, Power BI, and data visualization. Proven track record of designing h-index clustering algorithms, implementing metrics frameworks, and delivering analytics to 18+ biotech clients. Experience with ETL, dashboard development, REST APIs, JavaScript, React, Next.js, Node.js, and Git.

## EXPERIENCE

### Development Engineer

Merck Life Science, Bangalore

January 2024 – July 2025

- Engineered Bio4C Process Pad—a critical analytics platform serving 18+ clients including Lotte and Syngene, enabling real-time bioprocess monitoring and data-driven decision making.
- Designed and implemented h-index clustering algorithm with elbow curve optimization, reducing computational overhead by 35% and improving data categorization accuracy.
- Developed comprehensive analytics framework integrating REST APIs with SQL-based reporting system, enabling cross-functional stakeholder insights on process efficiency metrics.
- Tech stack: JavaScript, React, Next.js, Node.js, SQL, Python, REST APIs, Git/GitHub

### Research Intern (Student Researcher)

Indian Institute of Science (IISc), Molecular Biophysics Dept

2023 – 2024

- Conducted in silico saturation mutagenesis studies using computational molecular biology tools to predict protein variant effects.
- Analyzed protein structures and generated insights on structural stability using PyMOL, AlphaFold, and Rosetta framework.
- Published findings demonstrating novel protein engineering approaches for biotechnology applications.

## PROJECTS

### Param Adventures | [Link](#)

Full-featured tourism website with responsive design, dynamic content routing, and integrated analytics.

Tech: Next.js, React, TypeScript, Analytics, Responsive Design

### Todo Application | [Link](#)

Task management application with persistent state and real-time updates.

Tech: React, State Management, User Interface

## EDUCATION

### Masters in Molecular & Cellular Biology

2024

MS Ramaiah University

Published research on protein engineering

### Bachelors in Biotechnology

2023

Dayananda Sagar University

State Government Scholarship recipient

## PUBLICATIONS

### undefined

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## AWARDS & RECOGNITION

- 3rd Place Hackathon Winner (Merck)
- 1st Place Poster Competition (Dayananda Sagar University)
- State Government Scholarship