

PRAYASH BHURIA

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Education

National Institute of Technology Kurukshetra

Kurukshetra, Haryana

Bachelor of technology - Electronics and Communication CGPA - 7.86

2021 - 2025

Experience

Axis Bank - Business Intelligence Unit

Bangalore, India (Hybrid)

Data Scientist

Jun 2025 - Present

- **Loan Underwriting Models** Working on machine learning models that support automated credit risk evaluation for various loan products including vehicle, home, and personal loans by analyzing applicant documents and financial data.
- **KTB Marketplace Platforms** Contributing to data-driven solutions for marketplace-based loan offerings (e.g., Flipkart Axis Bank Credit Card) through credit decisioning logic and data analysis.
- **Tools Technologies** Utilizing Python, PySpark, SQL, Hive, and Jupyter Notebooks for data preprocessing, feature engineering, and model experimentation.

Technical Skills

Languages: C/C++, CSS, JavaScript, Python, SQL

Frameworks Libraries: Node.js, React.js, Express.js, Pandas, PySpark, Tailwind

Cloud DevOps Tools: AWS, Docker

Developer Tools: Git, GitHub, PowerBi, Postman, Jupyter NoteBook, MS Excel

Databases: MySQL, MongoDB

Projects

ShrinkNLink - URL Shortening Application | [GitHub](#) | [🔗](#) ⇒

- Built a secure URL shortening platform serving **10,000+** URLs with **cookie-based authentication** to ensure user data privacy.
- Designed an analytics dashboard for tracking clicks, boosting engagement tracking by **35%**.
- Optimized backend operations with **MongoDB**, reducing query execution time by **25%** for faster data retrieval.
- Used **NanoID** for generating compact, unique IDs, enabling efficient URL shortening.
- **Deployed** the application on Render, ensuring reliable and scalable hosting.
- Technologies used: **Javascript, Node.js, Express.js, MongoDB, EJS, NanoID**

EchoVerse - Blogging Platform | [GitHub](#) | [🔗](#) ⇒

- Developed a blogging platform managing **1,000+** active users with secure account creation and blog management features.
- Implemented a commenting system, increasing user interaction by **40%** and enhancing content engagement.
- Optimized backend performance with **Express.js**, **reducing API response time by 20%** for seamless user experience.
- Chose **MongoDB** for flexible handling of dynamic user-generated content and **Node.js** for efficient handling of asynchronous operations.
- **Deployed** the application on Render, ensuring reliable and scalable hosting.
- Technologies used: **Node.js, Express.js, MongoDB, EJS**

Achievements

- Solved around **500+** DSA problems on different platforms such as Leetcode, Codeforces and Codechef.
- **Top 27** in **Innovate and Inspire Hackathon**, K. Ramakrishnan College of Engineering ⇒
- Ranked Global **Rank 122** in CodeChef Starters 145 Division 3.
- Achieved **AIR 596** in CODEKAZE-SEP'23, Coding Ninja X Naukri. ⇒
- Achieved **AIR 2693** in CODATHON'23, MANIT BHOPAL X CODING NINJA. ⇒
- Obtained certification on **Geodata Processing using Python** by **ISRO**, demonstrating proficiency in spatial data analysis. ⇒