

Shakti Ranjan Debata

+91 73815XXXXX | debatashaktiranjan@gmail.com | [Portfolio](#) | github.com/d-shaktiranjan

Skills

Backend Technologies: Node.js, Express.js, Django, DRF, Flask

Databases: MongoDB, MySQL, MariaDB, PostgreSQL, Redis

Programming Languages: Java, Python, JavaScript, TypeScript

DevOps & Tools: Docker, Nginx, Linux, Git, GitHub, CI/CD, GitHub Actions

Frontend: HTML, CSS, ReactJS, Tailwind CSS

Experience

Backend Developer, [GrowthPanda](#) – Remote

May 2023 – Present

Technologies: Node.js, Express.js, Python, Django, MongoDB, MySQL

- Designed and developed scalable **RESTful APIs** using **Node.js, Express.js, and Django**, powering core features across multiple client and internal platforms.
- Built and maintained backend services for features like surveys, voting systems, and WYSIWYG content creation, supporting rapid product development and over 5,000+ active users.
- Developed a targeted user **profiling algorithm** for [Feebac](#) by analyzing user survey responses to generate and categorize user profiles.
- Engineered a Doc-AI chatbot using a Retrieval-Augmented Generation (**RAG**) system with **FastAPI** to enable document-based conversational queries.
- Managed cloud deployments on both **AWS** and **Azure**, including configuring EC2 instances, setting up domains, managing storage (**S3/Azure Blob**), and ensuring service uptime.
- Implemented end-to-end **CI/CD** pipelines using **GitHub Actions**, automating testing, linting, and deployment workflows across staging and production environments.
- Containerized services using **Docker** to streamline local development, ensure environment consistency, and simplify deployment to various cloud platforms.
- Improved application performance by optimizing database queries (**MongoDB & MySQL**), reducing load times by up to 40% through indexing and query profiling.
- Secured API endpoints by implementing a robust, **JWT** based authentication system, managing tokens with **cookies**, and enforcing **CORS** policies to ensure data integrity and access control for over 5,000 active users.

Associate Software Engineer, [Muvi Entertainment Pvt. Ltd.](#) – Remote

Apr 2022 - Sep 2022

Technologies: PHP, Javascript, MySQL

- Developed internal admin dashboards using PHP, JavaScript & MySQL, enhancing productivity for 500+ employees.
- Automated error logging & monitoring, reducing production issues by 15%.

Projects

Lorin | NodeJS, NPM package, Express.js Logger

[GitHub](#) | [NPM Repo](#)

- Lorin is a lightweight, dependency-free Express.js middleware for colorful, categorized logging of API requests, with both console output and file storage.
- Stored logs based on category on .logs directory also provide colorized console output.

Destructure | NodeJS, Express.js, MongoDB, Next.js

[GitHub](#)

- Developed a fully-featured blog platform with reactions, comments, and replies, improving user engagement.
- Optimized MongoDB queries, improving response time by 35%.

Education

B.Tech. in Computer Science & Engineering - [CV Raman Global University](#)

2018 - 2022

12th (Physics, Chemistry, Math) - [Navajyoti Junior Science College](#)

2016 - 2018