

# Bhikrant Borah

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## ABOUT ME

Entry Level Full-Stack Developer skilled in MERN, backend APIs, Flutter mobile apps, and AI/ML projects. Passionate about building scalable systems, solving problems, and delivering impactful solutions.

## WORK EXPERIENCE

**SDE Intern, NIC (National Informatics Centre), Jorhat** Jun 2025 – Aug 2025

Built “Jagrit Jorhat” mobile app with OTP-based login, REST APIs, and history tracking to digitize citizen services for Jorhat District Administration; reduced manual processing by 60% using Flutter (Provider).

**Freelancer, Superbus** 2025

Worked on a production pan-India bus booking platform ([superbus-xi.vercel.app](#)) by integrating real-world third-party bus API. Implemented caching to improve performance and reduce redundant API calls, and developed multiple admin/dashboard sections for operational management. Integrated PhonePe payment gateway to enable secure and reliable in-app transactions.

**SDE Intern, Outplayed.in** Mar 2025 – Jun 2025

Developed organizer dashboard and responsive website, improving event management by 30% and boosting monthly active users by 20%.

**Research Intern, Kaziranga University** Jun 2024 – Aug 2024

Built LSTM models with 93% accuracy on 400+ records for CGPA/placement prediction; optimized with Genetic Algorithms and regularization, reducing overfitting by 25%.

## PROJECTS

**TuneIn Music WebApp (MERN Stack)** [Demo](#)

- MERN music streaming app with real-time chat (Socket.io).
- Google OAuth, Firebase auth, Cloudinary for storage + genre auto-tagging.
- Features: playlists, trending songs, recommendations, user/admin dashboards.

**MindMaze 2.0 (Next.js, Supabase, Real-time Sockets)** [Demo](#)

- Designed and built a scalable real-time quiz system supporting **50+ teams** and **7000+ submissions** within a short time window.
- Implemented a **live leaderboard** using Supabase real-time sockets for instant score updates across all clients.
- Engineered the system to handle high-concurrency traffic with reliable submission processing and fast response times.
- Built in secured session managements to avoid unfair misconducts.

**Jagrit Jorhat Mobile App (Flutter, PHP, MySQL) – For DC Office, Jorhat** [Demo](#)

- Built a government-focused citizen grievance app for the DC Office, Jorhat with OTP-based login and persistent session/state management (no repeated logins).
- Implemented customizable user profiles, issue posting with file uploads, and real-time status tracking.
- Enabled citizens of Jorhat to report problems remotely directly to the DC Office instead of in-person visits.
- Improved accessibility for rural users and reduced in-office reporting workload by 60%.

**Redi-Go In-Memory Database (Go, TCP, Next.js, MongoDB)** [Demo](#)

- Redis-like DB in Go with custom TCP server (RESP protocol).
- Core commands (SET, GET, HSET, TTL) + AOF persistence.
- Benchmark app cut cache-hit latency by 99% (200–300ms → 1–3ms).

## EDUCATION

2022 – present	B.Tech (CSE), <b>Jorhat Engineering College</b>	(CGPA: 8.86)
2021	Class 12th AHSEC	(95.8%)
2019	Class 10th CBSE	(95.8%)

## SKILLS

Languages	JavaScript, Java, TypeScript, Dart, Python, SQL, C++
Frameworks	Node.js, React, Flutter, Next.js, TailwindCSS, Bootstrap, Nativewind
Libraries	Pandas, Scikit-Learn, Redux Toolkit, Zustand, shadCN
Tools/Platforms	VS Code, IntelliJ, Jupyter Notebook, Expo, Android Studio, Cloudinary, Firebase, Supabase, Docker