

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

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|---|---------------------|
| 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

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|--|----------------------|
| 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

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

SKILLS

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| 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 |