

BISHAL SINGH

+91 7636067135 | bishalsingh0410@gmail.com | linkedin.com/in/bishal-singh | github.com/Bishalsingh153

EDUCATION

Master of Computer Applications, Assam Don Bosco University — Guwahati, Assam
Bachelor of Computer Applications, K.C. Das Commerce College — Guwahati, Assam

Oct 2021 – Sep 2023
Aug 2017 – Jul 2021

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, Go, HTML, CSS
Frameworks & Libraries: Next.js, React.js, Node.js, Express.js, Django, Zustand, Prisma
Databases: MySQL, PostgreSQL, MongoDB, Firebase, Redis
Tools & Platforms: Git, GitHub, AWS, Linux, Postman

EXPERIENCE

Software Developer, Onetuz (Mekhos AI Labs Pvt. Ltd. — Mekhos Technology)

Jul 2025 – May 2026

Bengaluru, KA (Onsite)

- Founding engineer — built the product from zero to a working platform on the PERN stack, working directly with the founder to define features, flows, and system architecture.
- Scaled development alongside a growing engineering team and led AWS deployment, setting up infrastructure, environments, and CI workflows.
- Partnered with the AI team to architect data pipelines for AI-powered features, bridging the core platform and ML capabilities.

Platform Engineering Intern, Datapaths

Feb 2025 – Jul 2025

Bengaluru, KA (Hybrid)

- Architected a full-stack HR platform (PERN) for 100–300 employees, unifying employee management, attendance, and performance evaluation.
- Built 15 REST API endpoints (Node.js/Express) on a normalized PostgreSQL schema; cut existing UI bugs by 60% and page load time by 30%.
- Collaborated in a 10-member team on an AWS-hosted environment, contributing to code review, debugging, and on-time delivery.

Software Development Intern, GeeksforGeeks

Sep 2024 – Jan 2025

Bengaluru, KA (Hybrid)

- Built a full-stack Food Delivery app (MERN) with user authentication, real-time order updates, and order management.
- Used React/Next.js with server-side rendering for performance, and a scalable Express/Node.js backend for data and business logic.

OPEN SOURCE CONTRIBUTIONS

RepoMap | *TypeScript, Next.js, Express, React Flow — 4 merged PRs*

- Diagnosed and fixed an unhandled promise rejection crashing the backend under concurrent load, and a git clone that hung indefinitely on private/invalid repos. (#15)
- Built a search-and-jump feature for the app's interactive dependency graph, redesigning the camera-centering logic after discovering it broke on large node clusters. (#7)
- Fixed a multi-layered stale-cache bug spanning the browser, backend, and file-preview caches that prevented the app from reflecting new commits to an already-analyzed repo. (#22)
- Added toast notifications for repository analysis feedback, closing a good-first-issue and fixing a related error-handling bug found during testing. (#12)

PROJECTS

Flonny-AI — AI Expense Tracker | *React, Node.js, Express, PostgreSQL, Gemini AI*

- Built an AI expense tracker that parses natural-language transaction entries (amount, category, merchant, date) via Google Gemini, with a local regex/keyword fallback so the app works without an API key.
- Implemented an AI chat coach that reviews transaction history and budget progress to deliver personalized spending insights, plus live budget-health tracking with category-level limits.

WhatsWeb — Real-Time Chat App | *React, Node.js, Express, MongoDB*

- Built a full-stack, real-time web chat application with a React frontend and a Node.js/Express backend handling user sessions and live message delivery.

ADDITIONAL

Soft Skills: Communication, Collaboration, Problem-solving, Adaptability, Time Management, Leadership