

Kishan Verma

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SUMMARY

Computer Science undergraduate with foundational experience designing and debugging server-side systems, RESTful and real-time (Socket.io) APIs, and multi-service backend architecture on Linux and cloud platforms (AWS, GCP, OCI). Comfortable working with relational and NoSQL databases, JWT-based auth, and containerized/self-hostable deployments. Built BotLab, a full-stack system with an ephemeral session model and live execution tracing designed for observability and debuggability. Quick to pick up new infrastructure tooling, detail-oriented, and eager to grow into large-scale distributed systems engineering under senior guidance.

EDUCATION

Bharati Vidyapeeth Deemed to be University, DET – Navi Mumbai

B.Tech. in Computer Science Engineering

Aug 2023 – Present

CGPA: 8.63/10

SKILLS

Languages: JavaScript, TypeScript, Python, Java, C/C++, SQL, HTML/CSS, PHP, Dart

Systems & Cloud: Linux, REST API design, Distributed Systems fundamentals, Cloud Platform Evaluation (AWS, GCP, OCI)

Back-End & APIs: Node.js, Express, JWT Authentication, Socket.io, Firebase

Databases: PostgreSQL, MySQL, MongoDB, Prisma ORM

Front-End: React, Tailwind CSS, Vite, Flutter

Tools & Practices: Git/GitHub, CI-friendly project structuring, automated testing fundamentals, debugging & observability-minded development

Soft Skills: Communication, Teamwork, Leadership, Attention to Detail, Analytical & Problem-Solving Mindset, Willingness to Learn New Technologies, Eagerness to Solve Problems, Receptive to Feedback

PROJECTS

BotLab — Visual Workflow Builder for Chatbots | *React, Node.js, Express, Prisma, Socket.io*

Jun 2026

- Designed a multi-service backend architecture (Node.js/Express, Prisma-managed database, Socket.io) with an ephemeral session model to reduce resource overhead, and documented RESTful APIs for WhatsApp, Discord, and Telegram integrations, securing them with JWT authentication and AES-256 encrypted credentials.
- Built a live execution tracing and variable inspection system for observability into running workflows, using it to troubleshoot and debug node-level failures and optimize runtime performance; deployed the backend to a cloud host with environment-based configuration for staging vs. production.

Web OS — Interactive Portfolio | *React, JavaScript, HTML/CSS, Vite*

Mar 2026

- Built a mobile-responsive desktop OS environment in the browser with a custom windowing engine (drag, resize, z-index stacking), theming, and terminal CLI, testing across devices for responsiveness and efficiency.

Snaplink — URL Shortener & Dashboard | *HTML, CSS, JavaScript, Firebase Auth, Realtime DB*

Dec. 2025

- Built a lightweight URL shortener and analytics dashboard natively without heavy frameworks, with custom aliases, real-time click analytics, QR generation, and Firebase-powered authentication.

Launchpad — Startup Community Platform | *React, TypeScript, Tailwind CSS, Google Apps Script*

Jan 2025

- Designed a database-backed web platform connecting aspiring entrepreneurs with resources and mentorship, using a type-safe React/TypeScript architecture with a Google Apps Script serverless backend.

CERTIFICATIONS

Oracle Certified Foundations Associate — Agentic AI | *Oracle University*

Aug 2026

- Credential ID: 330152538AAI26OFA | [Verify badge](#)

ACHIEVEMENTS

Vice President | *Entrepreneurship Cell, BVDU DET NM*

Aug 2025 – Present

- Collaborated with club leadership and cross-functional teams to ideate, plan, and launch the official club website, translating stakeholder requirements into a functioning web application.
- Coordinated with peers to gather feedback, prioritize features, and enhance the platform's usability and digital outreach, applying strong communication and organizational skills throughout.

Website Lead | *College Technical Committee, BVDU DET NM*

Oct 2024 – Jun 2025

- Led the design and development of the official college fest website "ALKEMY 2025," reviewing teammates' code and organizing technical events supporting the fest's execution.

Technical Co-Head | *Entrepreneurship Cell, BVDU DET NM*

Aug 2024 – Jul 2025

- Acted as Technical Co-Head, successfully designing and launching a feature-rich official club website.

Quasar 2.0 Hackathon Merit Award | *Hackathon Winner*

Mar 2024

- Developed Field Master, an award-winning educational farming game; earned a Merit Award at Quasar 2.0 Hackathon.