

DEV BULCHANDANI

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Portfolio: devbulchandani.vercel.app | GitHub: github.com/devbulchandani

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SUMMARY

Full-Stack Developer specializing in Java (Spring Boot) and cloud-native systems. Focused on building reliable production software and exploring agentic AI workflows to improve developer automation. Open-source contributor to the Spring AI ecosystem with a record of winning global hackathons for innovative AI architecture and implementation.

EXPERIENCE

Spring AI | *Open Source Contributor* Feb 2026 – Present
github.com/spring-projects/spring-ai

- Orchestrated core Google GenAI auto-configuration and test suites for Spring AI (v2.0.0-M1), directly impacting downstream developer tooling.
- Fortified Chat & Embedding model reliability using Spring Boot conditional configurations.
- Optimized integration workflows, reducing setup overhead for developers utilizing Google's generative models within the Spring ecosystem.

PROJECTS

Custom Java Storage Engine | *Java 21, Java NIO, Concurrency* Mar 2026 – Present
github.com/devbulchandani/kafka-clone

- Architected a high-performance, low-latency custom storage engine from scratch utilizing Java NIO.
- Implemented core database components including an append-only log, log reader, and a highly concurrent index broker.
- Optimized file I/O operations and memory management to ensure efficient data retrieval and persistent storage.

Buildpace AI | *Java, Spring Boot, React, Gemini 3, MCP* Jan 2026 – Mar 2026
github.com/devbulchandani/coding-mentor

- Engineered an agentic personal mentor project using Gemini 3 for automated course generation and code verification.
- Built custom MCP servers to feed live GitHub repository context directly into Large Language Models, eliminating context-switching.
- Created a Socratic guidance system to assist student developers through conceptual hints rather than direct answers.

Void | *Node.js, Express, Anon Aadhaar, Auth0* Jul 2025 – Aug 2025
github.com/devbulchandani/void

- Designed a ZK-inspired identity system for selective Aadhaar data disclosure via encrypted QR codes to ensure zero data leaks.
- Leveraged Anon Aadhaar for zero-knowledge authentication, maintaining absolute user data sovereignty.
- Developed a real-time tracking dashboard with Auth0 to monitor scans and actively prevent identity misuse.

Kalasarthi | *Next.js, Vertex AI, Gemini, GCP* Aug 2025 – Nov 2025
github.com/devbulchandani/KalaSarathi

- Deployed an AI-driven marketplace facilitating artisan onboarding and intelligent product discovery (Google Gen AI 2nd Runner Up).
- Integrated Vertex AI and Gemini for automated image enhancement, accelerating artisan product listing times.

TECHNICAL SKILLS

- **Languages:** Java, JavaScript, TypeScript, SQL, HTML5/CSS3.
- **Frameworks:** Spring Boot, Spring Security, React.js, Next.js, Express.js, Node.js.
- **AI & Tooling:** Gemini 3, Vertex AI, MCP, LangChain, Docker, Git/GitHub, Postman.
- **Cloud & Databases:** Google Cloud (GCP), AWS, PostgreSQL, MongoDB, MySQL, Firebase.

EDUCATION

Poornima University, Jaipur 2023 – 2027
B.Tech in Computer Science Engineering

ACHIEVEMENTS

- **Winner:** EthGlobal Agentic Ethereum Hackathon 2025 (Recognized for Agentic AI architecture).
- **Winner:** Soonami Venturethon 2025 (Awarded for scalable product architecture).
- **2nd Runner Up:** Google Gen AI Exchange Hackathon 2025 (Won via Kalasarthi for innovative Gemini API usage).