

Parth Lohar

Software Developer

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SUMMARY

BCA graduate who builds full-stack projects end-to-end – schema, API, auth, and UI – rather than following tutorials. Shipped an AI-integrated ATS resume analyzer with a deterministic scoring engine and HMAC-signed API security, a social platform with a custom recommendation feed and streak-tracking system, and a music streaming app with JWT auth and time-synced lyrics. Comfortable across Java/Spring Boot on the backend and React/Next.js on the frontend, and quick to pick up whatever a project actually needs.

SKILLS

- **Languages:** Java, JavaScript (ES6+), TypeScript, SQL
- **Backend:** Spring Boot, Node.js, REST APIs, JDBC
- **Databases:** MySQL, PostgreSQL, Supabase
- **Frontend:** Next.js 16, React 19, HTML5, CSS3, Tailwind CSS
- **Tools & Version Control:** Git, GitHub, Android Studio, Google Cloud Platform (GCP)
- **Core Concepts:** Object-Oriented Programming (OOP), Database Management (DBMS), System Architecture, Debugging

PROJECTS

ATS RESUME ANALYZER | *Personal Project* June 2026 – Ongoing
Full-Stack Developer

- Architected a high-performance ATS resume analyzer using Next.js 16, React 19, and TypeScript.
- Developed a deterministic scoring engine and integrated the Google Gemini API to power AI-driven suggestions and a STAR-method bullet point rewriter.
- Implemented production-hardened security with server-signed HMAC-SHA256 plan verification and zero client-side API key exposure.

DEVLOG | *Personal Project* Jan 2026 – Apr 2026
Full-Stack Developer

- Architected robust RESTful APIs using Spring Boot and PostgreSQL, paired with a highly responsive React and Tailwind CSS frontend.
- Engineered core user engagement features, including a personalized content feed algorithm and a dynamic daily streak-tracking system.

SWIFT MUSIC PLAYER | *Academic Project* Sep 2025 – Dec 2025
Backend & Database Developer

- Developed a responsive web-based music streaming platform integrated with a Supabase database backend.
- Implemented secure JWT-based user authentication and engineered an admin panel for seamless metadata tracking.
- Designed dynamic playlists, a mood-based browsing system, and precision time-synchronized lyrics.

EDUCATION

Bachelor of Computer Applications (BCA) 2023 – 2026
H.V. Desai College | *Savitribai Phule Pune University* Score: 8.29 CGPA

HSC (Class XII) 2020 – 2022
S.V. Union Junior College, Pune | *Maharashtra State Board* Score: 57.50%

SSC (Class X) 2019 – 2020
Fr. Agnel's Vidyankur School, Pune | *Maharashtra State Board* Score: 75.00%

CERTIFICATIONS

- **Programming using Java** – Infosys Springboard (Apr 2026)
- **Database Management Systems** – Infosys Springboard (Sep 2025)