DEVKINANDAN GARG

Full Stack Web Developer (MERN)

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Education

- **Chandigarh University** — Aug 2022 – Aug 2026
  Bachelor of Engineering in Computer Science — CGPA: 7.7/10.0
- **D.A.V. Centenary Public School** — Apr 2021 – Apr 2022
  Senior Secondary (CBSE) — 77.4%

Technical Skills

- **Core Stack:** MERN (MongoDB, Express.js, React.js, Node.js), RESTful APIs
- **Programming Languages:** JavaScript (ES6+), C++, Java, Python
- **Frontend Development:** HTML5, CSS3, Bootstrap, Tailwind CSS, Responsive Design, EJS, Cross-Browser Compatibility
- **Backend Development:** Node.js, Express.js, API Development, Authentication (JWT), Web Performance Optimization
- **Databases:** MySQL, MongoDB, SQL, NoSQL, Database Design, CRUD Operations
- **Tools & Version Control:** Git, Postman, npm, GitHub
- **Computer Science:** Data Structures, Algorithms, Object-Oriented Programming (OOP), DBMS, Computer Networks

Projects

- **DevChess - Real-Time Multiplayer Chess Web Application** — Dec 2024 – Feb 2025
  Node.js, Express, Socket.io, MongoDB, JavaScript
  - Engineered a real-time chess platform with 200ms move synchronization using Socket.io and chess.js for rule validation
  - Integrated JWT-based authentication and Multer-powered file upload, supporting 50+ simultaneous users
  - Developed frontend with JavaScript, creating a drag-and-drop chessboard adopted by 95% of users in the first week
  - Optimized server-side rendering of EJS templates, achieving 1.2s average load times (Lighthouse Performance: 92/100)
  - Initiated migration plan to React with Redux for advanced state management (Q3 2025)

- **E-commerce Platform (Myntra-Inspired)** — July 2024 – Aug 2024
  HTML5, CSS3, JavaScript, React (Planned)
  - Designed adaptive product catalog and cart, reflecting Myntra's mobile-first approach with 90%+ visual match
  - Implemented efficient client-side search and filtering, processing 50+ SKUs with sub-200ms latency
  - Established persistent cart functionality through localStorage, ensuring state retention across 95% of user sessions
  - Streamlined critical rendering path for 1.8s initial load (Lighthouse Score: 88/100)
  - Outlined roadmap for Redux-based state management and Express.js/MongoDB backend integration (Q4 2025)

- **Spotify Clone - Interactive Music Streaming UI** — May 2024 – Jun 2024
  HTML5, CSS3, JavaScript, Tailwind CSS
  - Live Demo - https://devspotify.vercel.app
  - Prototyped a Spotify-inspired music streaming interface, achieving high-fidelity design replication
  - Modularized 10+ reusable components (login, dashboard, sidebar, player) using Tailwind CSS for rapid, consistent UI
  - Achieved responsiveness and ensured cross-browser compatibility, delivering seamless experience on 95%+ tested devices
  - Deployed application to Vercel, maintaining sub-1.5s average page load times
  - Experimented with Spotify API integration for scalable music data retrieval (ongoing)

Certifications

- **React Native** - Meta — Jan 2025
  (Mobile development with React/JavaScript)
- **Python for Everybody** - Univ. of Michigan — Sep 2024
  (Core Python, Data Structures, Web Data)
- **Database Systems** - IBM & Meta — Mar 2024
  (SQL, NoSQL, MongoDB, DBMS Design)

Achievements

- **LeetCode** - 370+ problems solved
- **HackerRank** - 5-stars in Problem Solving