Anash Gond

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EDUCATION

Thapar University   Patiala, Punjab
Bachelor of Engineering in Electrical & Computer Engineering (CGPA: 7.70)   *Sep. 2022 – May 2026*

Kendriya Vidyalaya Armapur   Kanpur, UP
Class XII (CBSE) - 96.20%   *Mar. 2020 – Jul. 2021*

Kendriya Vidyalaya Armapur   Kanpur, UP
Class X (CBSE) - 95.80%   *Mar. 2018 – Jul. 2019*

PROJECTS

PGLife | *React, Node.js, SQL*   GitHub
- Optimized search algorithms to boost CTR by 25% and reduce query response time by 40%.
- Secured user data for 500+ users via JWT authentication and hashing, reducing session dropouts by 15%.

EcommerceHub | *Spring Boot, React, PostgreSQL, Stripe, AWS*   GitHub
- Engineered a multi-role platform (Admin/User) with Spring Boot REST APIs and Role-Based Access Control.
- Integrated Stripe payments and managed order lifecycles using PostgreSQL; deployed securely on AWS.
- Implemented scalable backend architecture with production-ready API documentation.

Posture Correction System | *Deep Learning, MediaPipe, TensorFlow*   GitHub
- Achieved 92%+ accuracy in posture detection using MediaPipe and LSTM networks on time-series data.
- Built a real-time inference pipeline (25 FPS) using OpenCV, optimizing preprocessing time by 30%.
- Delivered immediate corrective feedback, improving user posture consistency by 40% during testing.

Nimbus Keyboards | *Next.js 15, Prismic, Stripe, Three.js*   GitHub
- Developed a high-performance SSR e-commerce app using Next.js 15, TypeScript, and Prismic CMS.
- Integrated interactive 3D product visualization using React Three Fiber for enhanced user engagement.
- Deployed a responsive, animated UI (Tailwind/GSAP) on Vercel with secure Stripe payment processing.

TECHNICAL SKILLS

Primary Tech Stack: Spring Boot, React, PostgreSQL, AWS
Languages: C++, Java, Python, JavaScript, TypeScript, SQL, C
Web Technologies: Next.js, Node.js, Express.js, HTML, CSS, AuthJS
Databases: PostgreSQL, MongoDB, MySQL
AI / ML: TensorFlow, PyTorch, MediaPipe, NumPy, Pandas
Developer Tools: Git, Docker, Postman, VS Code, Stripe, REST API
CS Fundamentals: Object-Oriented Programming, Data Structures and Algorithms, Database Management Systems, Computer Architecture, Artificial Intelligence

CO-CURRICULAR

ISTE Thapar   Oct. 2022 – May 2024
Core Member - Media Head
- Led 3+ publicity initiatives for ISTE, increasing event turnout by 35% and delivered constructive feedback to 10+ colleagues weekly, improving team morale and fostering a collaborative environment across the department.

ACHIEVEMENTS

Achieved **Specialist** (1500+ rating) on Codeforces, demonstrating strong problem-solving skills.

Solves **500+** data structures and algorithms problems across platforms such as LeetCode, Codeforces, and GFG.

Completed multiple end-to-end full-stack and AI projects, showcasing ability to build scalable systems.