

ANMOL KHURANA

Roorkee, Uttarakhand, India

+91-84398-84700 anmolkhurana490@gmail.com <https://anmol-khurana-82.vercel.app>
<https://linkedin.com/in/anmol-khurana-3b274425b> <https://github.com/anmolkhurana490>

EXPERIENCE

Software Developer Intern

February 2026 - Present

JF Knowledge Center Pvt. Ltd.

Roorkee

- Designed and owned a multi-tenant backend platform using Node.js and PostgreSQL, enabling scalable website generation across modular services and isolated tenant architectures.
- Architected a stateless authentication and session management system using JWT rotation, Redis rate limiting, and secure API boundaries for production-grade reliability; integrated AWS S3 for asset storage.
- Built a snapshot-based deployment engine that compiles pages into atomic artifacts, enabling instant subdomain rendering without rebuilds or runtime recomputation overhead.

MERN Stack Developer Intern

October 2025 - January 2026

Suank

- Developed and debugged end-to-end MERN workflows involving listings, orders, checkout, authentication in full stack marketplace, identifying and resolving 15+ critical bugs via black-box and white-box testing.
- Refactored client-side state management and data flow, improving state consistency and reducing redundant network calls by 25% while simplifying component communication.

Backend Developer Intern

June 2025 - July 2025

Episodic Labs

- Implemented backend data processing pipelines for structured data extraction, transformation, and aggregation, automating end-to-end workflows and reducing manual data collection effort.

PROJECTS

ArchFlow - Automated Software Design | *Next.js, Python, MongoDB* | [GitHub](#) | [Live](#) February 2026 - May 2026

- Architected a multi-stage AI backend system using FastAPI to orchestrate structured LLM workflows for automated software architecture generation and design reasoning across 15+ interconnected nodes.
- Developed a streaming execution model using WebSockets to enable incremental computation, real-time feedback, and controlled propagation across dependent processing stages.
- Built a dependency-aware orchestration engine supporting partial recomputation, enabling efficient updates without re-running entire pipelines in complex multi-stage workflows.

Himalayan Nest Real Estate | *Node.js, Next.js, PostgreSQL* | [GitHub](#) | [Live](#)

August 2025 - January 2026

- Engineered a production-ready backend using Node.js, PostgreSQL, and Redis, implementing scalable APIs with optimized querying, indexing, and role-based access control.
- Designed caching and rate-limiting strategies using Redis to handle high-frequency requests improving performance 2-3 times, improving backend responsiveness and ensuring consistent system performance.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Java, SQL

Technologies/Frameworks: Node.js, Express, FastAPI, ReactJS, Next.js, PostgreSQL, MongoDB, Redis

Developer Tools: Docker, AWS, Git, GitHub, VS Code, Postman, Figma

EDUCATION

Bachelor of Technology in Computer Science and Engineering

Expected August 2026

COER University

Roorkee, India

ACHIEVEMENTS

Performance Recognition

January 2026

MERN Stack Developer Intern

Suank

- Awarded a Performance Appreciation Token for consistently delivering 10+ production features, maintaining well-structured backend and frontend modules, and contributing to a 40% reduction in code issues.

GirlScript Summer of Code 2025

July 2025

Open-Source Contributor

Github

- Contributed to multiple community projects using Node.js, Express, and React, delivering 5+ merged PRs that enhanced API efficiency and improved frontend performance by 30%.