Abhay Thakur

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EDUCATION

Chitkara University — Patiala, PB
Bachelor of Engineering in Computer Science (8.88/10 CGPA) — *June 2021 – June 2025*

D.A.V. Public School — Hamirpur, H.P.
PCM in 12th (89.4%) — *March. 2019 – March 2020*

COURSEWORK

Data Structures   Algorithms   Discrete Math   Computer Network   Computer Architecture

EXPERIENCE

Salescode.ai — On Site
Backend Developer Trainee — *July 2024 – Dec 2024*
- Core backend developer for Order Management in Distributor Management System (DMS)
- Developed RESTful APIs using Java Spring Boot, Redis and MySQL for order processing and tracking
- Achieved Lead Performer rating for two consecutive quarters
- Implemented efficient database design and optimization strategies

PROJECTS

Anime-API | *Express.js, Cheerio, TypeScript, Rust, Axum, Vercel, Shuttle*
- Created an unofficial library and API for accessing anime data, utilizing TypeScript, Express.js, Rust, and Axum.
- Integrated web scraping techniques to efficiently gather and process anime data.
- Published the Rust crate aniscraper on Crates.io.
- Deployed TypeScript-based APIs on GitHub | API.
- Deployed Rust APIs on GitHub | API.

LiveXpanse | *React.js, Express.js, PostgreSQL, TypeScript, Tailwind CSS*
- Developed a cutting-edge digital community platform that integrates collaborative streaming with interactive forums.
- Implemented secure user authentication, full CRUD operations, global chat, and dynamic community forums.
- Focused on enhancing user engagement and content sharing with a modern, user-friendly interface.
- Explore the project on GitHub.

rust-paper | *Rust*
- Built a Linux/UNIX-only wallpaper manager for Wallhaven.cc using Rust.
- Enables seamless wallpaper downloading and management with a focus on speed and performance.
- Published the crate rust-paper on Crates.io.
- Explore the project on GitHub.

TECHNICAL SKILLS

Languages: JavaScript/TypeScript, Java, Rust, HTML/CSS, SQL, PostgreSQL, MySQL
Frameworks: Next.js/React.js, Spring Boot, Express.js, TailwindCSS
Cloud & DevOps: AWS (CloudWatch, CodeCommit, Elastic Beanstalk), Docker
Developer Tools: Git/GitHub, (Neo)Vim, Tmux, GNU/Linux, Jira, Confluence, Slack

INTERESTS

Linux   Open Source   Cyber Security