

Devvarth Singh

Full-Stack Web Developer

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 GitHub ·  LeetCode ·  LinkedIn

PROFESSIONAL SUMMARY

Full-stack developer and Mechanical Engineering student at PEC with a passion for building AI-driven applications. Proficient in JavaScript, Python, and modern frameworks like Next.js and React. Proven ability to build projects from concept to deployment, demonstrating skills in system architecture, API integration, and creating scalable, user-centric solutions. Eager to apply development skills to a challenging role.

EDUCATION

Punjab Engineering College (PEC) Chandigarh
Bachelor of Technology (B.Tech) - Mechanical Engineering
CGPA: 7.6 / 10.0 Aug 2023 - July 2027

Christu Jyoti Convent School Baraut, Baghpat
CBSE Class XII (Senior Secondary Certificate)
Percentage: 92.0% 2022

Christu Jyoti Convent School Baraut, Baghpat
CBSE Class X (Secondary School Certificate)
Percentage: 92.0% 2020

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, TypeScript, HTML, CSS

Libraries Frameworks: React, Node.js, Next.js, Express, Tailwind CSS, tRPC

Databases: SQL, MongoDB, PostgreSQL

Platforms, Tools APIs: Git, GitHub, VS Code, Postman, Prisma, Generative AI, OpenAI API, Inngest, E2B Sandbox

PROJECTS / OPEN-SOURCE

Career-Saarthi-AI GitHub

- Developed a full-stack, type-safe AI career guidance platform using **Next.js 15**, **tRPC**, **Prisma**, and **PostgreSQL**.
- Implemented a Personalized AI Agent using an **Inngest** queue system and **OpenAI** to analyze user data and deliver long-running reports.

CodeSurfer GitHub

- Built an AI-driven code generation platform using **Next.js**, **tRPC**, **Prisma**, and the **OpenAI API**.
- Enabled safe, sandboxed code execution in isolated environments using the **E2B Sandbox API**.

Stocks GitHub

- Built a full-stack trading platform using **HTML**, **CSS**, **JavaScript**, **Node.js**, and **Express**.
- Followed a modular MVC architecture and integrated real-time stock data from external APIs.

LEADERSHIP EXPERIENCE

Sub-Head, Infrastructure PECFEST 2024

Punjab Engineering College's Annual Techno-Cultural Fest

- Led and coordinated a team to execute the complete infrastructural setup for PECFest, managing logistics for events and participants.
- Managed vendor relations, resource allocation, and on-ground operations, ensuring seamless execution of the fest.

HONORS AWARDS

- Winner, Inter-School Cricket Tournament
- Winner, Inter-School Chess Tournament