

Ayush Prem

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EDUCATION

Chandigarh University

Bachelor of Engineering in Computer Science & Engineering

Mohali, Punjab

Aug 2023 – Jun 2027

- Cumulative GPA: **8.01/10.00**
- Relevant Coursework: Data Structures & Algorithms, Object Oriented Programming, Database Management Systems, Software Engineering, Computer Networks, Operating Systems

WORK EXPERIENCE

Open Source Contributor

July 2025 – Present

GirlScript Summer of Code (GSSoC'25)

Remote

- Contributed to **10+ open-source projects** in **Web Development** and **Machine Learning**, submitting **25+ pull requests** with **90% merge rate** for features, bug fixes, and documentation improvements.

Software Developer Intern

May 2025 – July 2025

Ecomlancers [Certificate]

Remote

- Designed and implemented **responsive web interfaces** for client projects, improving user engagement by **25%** and accessibility across desktop and mobile platforms.
- Optimized performance and API integrations for web applications, **reducing average load times by 20%** and enhancing scalability to support **5K+ concurrent users**.
- Tech Stack: Next.js, React.js, Node.js, JavaScript, HTML/CSS, RESTful APIs

TECHNICAL SKILLS

Languages: C++, Python, Java, JavaScript, HTML, CSS

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

Databases & Tools: Docker, Amazon Web Services, PostgreSQL, Neon, Supabase, MongoDB, SQL, Git, GitHub

PROJECTS

ShopQuick: Multi-Vendor E-commerce Platform

August 2025

Next.js, React.js, Tailwind CSS, Clerk, Inngest, Neon (Postgres), Stripe

[GitHub] [Website]

- Engineered a full-stack **multi-vendor e-commerce platform** with **50+ modular components**, enabling **100+ vendors** to create stores, manage products, and process transactions seamlessly.
- Developed **3 distinct interfaces**: vendor dashboards, responsive customer storefront, and admin panel with approval workflows, commission management, and discount systems, improving operational efficiency by **30%**.
- Integrated **Stripe payment processing**, **Clerk authentication** with RBAC for **500+ users**, and **Inngest background jobs**, handling **1000+ concurrent sessions** with **99.9% uptime**.

Hire Orbit: Recruitment Portal Web Application

July 2025

Next.js, React.js, Neon (Postgres), Clerk, Stripe, shadcn/ui, Tailwind CSS

[GitHub] [Website]

- Built a comprehensive **recruitment portal** serving **200+ active users** with dual user flows for candidates and recruiters, featuring job posting, application management, and professional networking capabilities.
- Implemented **membership subscription system**, integrated **Stripe payments**, and **Clerk authentication** with role-based access control across **3 user tiers**.
- Architected scalable backend with **Neon (Postgres)** database, deployed responsive UI using **Next.js + shadcn/ui**, achieving **2s load time** and **95+ PageSpeed score**.

ACHIEVEMENTS AND CERTIFICATIONS

- Achieved **Pupil** rank (Rating: **1217**) on **CodeForces**; solved 100+ problems. [Profile]
- Secured **2-Star** rank (Rating: **1451**) on **CodeChef**; solved 200+ problems. [Profile]
- Attained a rating of **1546** on **LeetCode**; solved 300+ problems. [Profile]
- **2nd Position:** Code Quest 2.0, Chandigarh University [Certificate]
- **Silver Medalist (Top 5%):** Cloud Computing (NPTEL) Certification [Certificate]