

# Vinayak Arora

## Full-Stack Web Developer

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🌐 LinkedIn: linkedin.com/in/vinayak-arora746 🐙 Github: github.com/vinayak746 🔗 Portfolio: eternal-vinny.vercel.app

### 📄 PROFILE

A self-driven Computer Science undergraduate with hands-on experience in full-stack web development, deployment, and testing. Skilled in building responsive user interfaces and integrating scalable backend systems. Committed to solving real-world problems through clean, maintainable code and continuously learning emerging technologies.

### 🧠 SKILLS

#### Programming Languages:

JavaScript, Python, C, C++

#### Frameworks & Libraries:

React, Tailwind CSS, Node.js, Express

#### Tools & Platforms:

VS Code, Git, Linux

#### Databases:

MySQL, MongoDB

#### Additional Skills:

REST APIs, API Integration, Responsive Design, Debugging, WebGL Optimization

### 🏆 AWARDS

#### • Third Prize – Code Relay Coding Challenge, Chandigarh University

02/2024

### 📄 CERTIFICATES

- Participation in Zinnovatio Hackathon
- Certificate in HTML, CSS, and JavaScript (Udemy)

### 🔑 INTERESTS

- Web Development
- Designing innovative and interactive web applications
- Reading Light Novels

### 🌐 LANGUAGES

English

Hindi

### 📁 PROJECTS

#### Mavericks – E-Commerce Platform 🔗

01/2025 – 04/2025

- Engineered a MERN stack e-commerce app managing 500+ SKUs with secure user/admin dashboards.
- Optimized core workflows, reducing checkout friction by 40% via role-based routing.
- Enhanced performance using Tailwind CSS; achieved a 30% page load boost and 95+ mobile PageSpeed score.

**Tech:** React, Node.js, Express, MongoDB, Tailwind CSS

#### Eternal – 3D Portfolio Website

10/2025 – 10/2025

- Architected a unique 3D interactive portfolio featuring a custom character modeled with Three.js, Blender, and AI-based tools.
- Executed advanced WebGL rendering to implement realistic lighting and dynamic camera motion for an immersive UX.
- Optimized rendering and layout across devices, achieving a 25% improvement in frame rate (FPS) performance.

**Tech:** Three.js, Blender, JavaScript, WebGL, Tailwind CSS

#### VOID – Movie Booking Web App (In Progress) 🔗

05/2025 – Present

- Developing a full-stack movie booking application using React, Tailwind CSS, and React Router to simulate a real-world booking platform.
- Designed a dynamic UI featuring a complex, scalable seat-selection interface and an efficient 3-step multi-stage navigation flow.
- Implementing the back-end (Node/Express/MongoDB) to handle complex, concurrent booking logic and ensure 100% data integrity during transaction processing.

**Tech:** React, Tailwind CSS, React Router

### 💼 PROFESSIONAL EXPERIENCE

#### Deployment & Testing Intern (Full-Stack Web Development), Genkei Solutions Pvt. Ltd.

05/2025 – 07/2025

- Developed and deployed full-stack features using React, Node.js, and Express, improving cross-platform UX.
- Built responsive UIs and integrated APIs, resulting in an estimated 15% reduction in load time through optimized component logic.
- Collaborated with QA and frontend teams to resolve 15+ functional UI/UX bugs during staging.

### 🎓 EDUCATION

#### B.E. in Computer Science and Engineering, Chandigarh University

08/2023 – present | Mohali, India

**Current CGPA:** 7.9/10.0

#### Higher Secondary (Class 12, Science – CBSE), Indian Convent School

04/2022 – 03/2023 | New Delhi, India

**Stream:** Science | **Percentage:** 70%

#### Secondary Education (Class 10 – CBSE), Indian Convent School

04/2020 – 03/2021 | New Delhi, India

**Percentage:** 75%