

Professional Summary

Results-driven Final Year Computer Science Engineering student with a strong foundation in Software Development Life Cycle (SDLC) and Object-Oriented Programming (OOP). Proficient in C++, JavaScript, and React, with hands-on experience building scalable web applications. Adept at using cloud tools (AWS/Azure) and CI/CD pipelines to enhance development workflows. Seeking a Software Developer role to apply problem-solving skills in designing efficient, high-quality software solutions.

Technical Skills

- LanguagesC++, C, JavaScript (ES6+), Python, Bash Scripting
- Web DevelopmentReact.js, HTML5, CSS3, Node.js, JSON, RESTful APIs
- DatabasesMySQL, MongoDB, Data Structures & Algorithms (DSA)
- InfrastructureGit, Docker, Jenkins, AWS (EC2, S3), Linux, VS Code

Education

- 2022–2026Bachelor of Engineering in Computer Science (Specialisation in DevOps), Chandigarh University, CGPA: 8.21  
Relevant Coursework: Object Oriented Programming, DBMS, Operating Systems, Computer Networks.
- 2021Intermediate (Class XII), Kendriya Vidyalaya AFS Thane Kolshet, 90%

Technical Experience

- July 2025 – PresentLead Developer, DevOps Quest (Gamified Learning Platform), Project
  - Reduced scenario load times by 25% and increased user retention by 30% during beta testing by optimizing backend simulation logic using Node.js.
  - Cut deployment errors by 90% by standardizing development environments with Docker containers.
  - Developing an interactive web platform using React, Firebase, and MongoDB to simulate complex DevOps scenarios.
- Jan 2025 – Mar 2025Web Developer, E-Commerce Website, Project
  - Attained a 98/100 Lighthouse performance score by building a responsive frontend using HTML5 and CSS3.
  - Decreased bounce rates by 15% by compressing assets and optimizing page load speeds.
  - Ensured application portability across 3+ different environments by deploying via NGINX and Docker.
- July 2024 – Dec 2024Full Stack Developer, FOODISTA (Campus Dining Platform), Academic Project
  - Reduced average wait times by 40% for 500+ daily users by engineering a unique digital token algorithm.
  - Achieved 99.9% system uptime during peak lunch hours by integrating real-time data fetching for live menu updates.
  - Built a full-stack solution using React and JavaScript to digitize campus dining operations and payment processing.
- Jan 2024 – May 2024Frontend Developer, Patient Care System (Healthcare Portal), Academic Project
  - Decreased manual patient check-in time by 50% by designing a secure patient portal for digital record management.
  - Enabled 2x faster data retrieval for medical staff by creating administrative dashboards with visualization tools.
  - Implemented Role-Based Access Control (RBAC) to ensure 100% compliance with data privacy standards.

Academic Research

- Nov 2025Research Paper, DevOpsQuest: A Gamified Learning Platform
  - Demonstrated a 20% improvement in skill acquisition speed through simulation-based learning compared to traditional methods.
  - Authored a detailed architectural analysis of a gamified platform for progressive DevOps education.
- Jan 2024Academic Study, Cyber Attacks on UPI Payment Systems
  - Identified 5 major phishing vectors in digital payments through comprehensive security vulnerability analysis.
  - Proposed encryption-based measures to mitigate fraud risks in a detailed technical report.

Certifications & Interests

- CertificationsOracle Cloud Infrastructure Generative AI Professional (2024), Microsoft Azure Fundamentals (2023)
- InterestsWeb Application Development, Cloud Computing, Open Source Technologies