

PRASHANTH PANCHAL



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Summary — Final-year Computer Science Engineering student at Guru Nanak Dev Engineering College, and a motivated Gradient intern at Pentagon Space in Bangalore. Currently working on real-time Frontend and Backend web development. Skilled in web development with hands-on experience in building responsive UIs, developing RESTful APIs, and deploying full-stack applications using modern frameworks and tools. Previous experience includes a Software Intern- at Seven Sense Talent Solutions, Gained hands-on experience in DevOps and AWS fundamentals during internship at Seventh Sense Talent Solutions, focusing on CI/CD and automation. Committed to Continuous learning and contributing to dynamic web development projects with a focus on responsive design and efficient backend integration.

Work Experience

Software Intern-Full stack Development at Pentagon Space

Feb 2025

- Currently working on real-time frontend and backend web development projects, building responsive user interfaces and integrating RESTful APIs.
- Gained hands-on experience in various software programs, increasing proficiency and expanding technical skill set.
- Participated in brainstorming sessions, offering innovative ideas for project improvements and problem-solving. – Maintained accurate records and databases, ensuring data integrity and accessibility for relevant parties.

DevOps Intern, Seventh Sense Talent Solutions

oct 2023

- Gained practical exposure to core DevOps practices including continuous integration, continuous deployment (CI/CD), and infrastructure automation.
- Worked with tools such as Git, Jenkins, and Docker to streamline deployment workflows and improve build efficiency.
- Analyzed problems and worked with teams to develop solutions.

Python Programming , SKILLBOUT

Oct 2022

- Currently Boosted Python programming proficiency & problem-solving skills through the development of a 'tic-tac-toe' game during the Python internship at SkillBout which also emphasized time management & adaptability as key soft skills.
- Enhanced efficiency, functionality, & performance by 30% by utilizing variables, conditional statements, loops, functions, & data structures like lists & dictionaries in Python to streamline processes in a data analysis project & a web development project, incorporating Django & Flask.

Education

B.E (CSE) at **Guru Nanak Dev Engineering College.**

2021-2025

Higher Secondary Education at **Guru Nanak PU College.**

2019-2021

State Board (10th) at **Raveendra High School.**

2018-2019

Skills

Soft skills: Teamwork, Problem-solving, Adaptability, Communication.

Hard skills: Web Development (Java, HTML5, CSS3, JavaScript,).

Databases: MySQL

Projects

Gesture Based Air Typing (Major Project)

- Developed a text recognition from air based gestures using Python and its libraries.
- Used libraries like mediapipe to track hand movements and easyocr for text recognition.

Online Flight Booking System (Mini Project)

- Users search for flights using travel details. The system displays available options in a table, allowing users to select their preferred flight
- Users proceed to payment. Once the payment is processed, the system confirms the booking and sends a confirmation email.

Swiggy Insta Mart (mini project)

- Developed a full-stack Instamart clone using Java, Spring Boot, and MySQL for backend, and HTML, CSS, JavaScript for a responsive frontend
- Implemented core features like user authentication, product catalog browsing, cart operations, and order processing
- Emphasized scalable architecture with clean code practices and real-time data flow for enhanced performance and user experience

Certifications

Internship certificate - on coding and soft skills

Infosys Springboard Basics of Python

Internship certificate on DevOps

Interests

Leadership & Team Building

Badminton and Cricket

Languages

English

Kannada

Hindi