

# Pranjal

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## PROFILE

Computer Science Engineering undergraduate with hands-on experience in backend development and database-driven applications. Built real-world projects involving REST APIs, server-side logic, and SQL-based data persistence using Python and Flask. Strong fundamentals in backend workflows and actively learning Node.js and PostgreSQL to transition into modern backend stacks. Seeking a paid backend developer internship with real production exposure and ownership.

## EDUCATION

<b>Bachelor of Engineering (B.E) – Computer Science Engineering</b> Chandigarh University	2023 – Present 6.5 CGPA
<b>Intermediate (CBSE)</b> Gyan Bharti Residential Complex, Gaya, Bihar	2021 – 2022 66%
<b>Matriculation (CBSE)</b> DAV Public School, Gaya, Bihar	2019 – 2020 83%

## PROJECT

<b>URL Shortener System</b> Java, JSP, Servlets, Apache Tomcat	10/2025 – 11/2025
<ul style="list-style-type: none"><li>Built a backend-driven URL shortener using <b>Java Servlets</b> to handle HTTP requests and redirection logic.</li><li>Implemented server-side routing and request handling using JSP and Servlet controllers.</li><li>Deployed the application on <b>Apache Tomcat</b>, gaining experience with Java web servers.</li></ul>	
<b>Digital Upskilling Platform</b> JavaScript, Node.js, Express, MongoDB	09/2025 – 11/2025
<ul style="list-style-type: none"><li>Built a backend-supported learning platform where users can explore and access skill-based content.</li><li>Implemented server-side logic using <b>Node.js and Express</b> to handle application routes and requests.</li><li>Integrated <b>MongoDB</b> for storing and managing application data.</li><li>Worked with backend workflows involving data handling, routing, and API.</li><li>Strengthened understanding of backend development in the JavaScript ecosystem.</li></ul>	

## SKILLS

### Backend Development

- REST-style APIs
- Server-side request/response handling
- Backend routing and business logic

### Languages

- Java
- JavaScript
- SQL
- Python

### Frameworks & Technologies

- Java Servlets & JSP
- Express.js
- Flask

### Databases

- MongoDB
- SQLite
- PostgreSQL (learning)

## PUBLICATIONS

<b>Usability Review of Nadi Parikshan Devices</b> Presented at the 1st Multidisciplinary International Conference on Advances in Information Technology (ICAIT 2025)	2025
<ul style="list-style-type: none"><li>Conducted a usability-focused study on traditional healthcare diagnostic devices.</li><li>Analyzed system accuracy, user interaction, and data interpretation challenges.</li><li>Gained exposure to research methodology, technical documentation, and presentation of technical findings.</li></ul>	