

## Krishna Pradhan

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### SUMMER Intern

May 2024 - July 2024

*Geeks For Geeks.*

- Solved more than 250 coding tasks involving arrays, linked lists, stacks, queues, trees, and graphs during practical training in data structures and algorithms using C++, which strengthened problem-solving abilities.
- Gained proficiency in sorting, searching, recursion, dynamic programming, and greedy algorithms, enhancing algorithmic thinking and code efficiency while cutting down on average problem-solving time by 40%.

### Projects

<b>BlogSpace</b>   MongoDB, ExpressJS, ReactJS, TypeScript, NodeJS, ExpressJS, Tailwind CSS	Nov' 24
<ul style="list-style-type: none"><li>Developed a full-stack MERN (MongoDB, Express.js, React, Node.js) application, "BlogSpace," to create a feature-rich blogging platform. Engineered a secure RESTful API with Express.js, implementing JSON Web Token (JWT) based authentication for user registration, login, and protected routes.</li><li>Built a dynamic and responsive frontend using React, TypeScript, and Tailwind CSS, powered by Vite for an optimized development experience.</li><li>Configured a streamlined development workflow with concurrent scripts to run both the frontend and backend servers simultaneously for efficient coding and testing.</li></ul>	
<b>AI-Component-Generator</b>   Angular, Express, Bootstrap, NODE JS, MONGODB	Apr' 2024
<ul style="list-style-type: none"><li>Developed a full-stack, AI-powered web application that enables authenticated users to generate, preview, and iteratively refine React components through a conversational UI.</li><li>Engineered a secure Node.js and Express.js RESTful API featuring JSON Web Token (JWT) authentication and full CRUD functionality for managing user projects in a MongoDB database.</li><li>Integrated third-party generative AI APIs (such as Google Gemini or OpenAI) to power the core code generation feature.</li></ul>	
<b>Luora</b>   Laravel, PHP, MySQL, Rest API, XAMPP	Feb' 2025
<ul style="list-style-type: none"><li>Using Laravel, PHP, MySQL, and REST APIs, Developed Luora, an open-source knowledge-sharing platform that allows users to pose questions and respond in a group setting.</li><li>Implementing features like showing stats, tagging, and user authentication enhanced user interaction and content discoverability, leading to a 50% increase in platform engagement.</li><li>MySQL was used for safe data storage and XAMPP for local development, guaranteeing effective administration of user profiles, comment threads, and user-generated content.</li></ul>	

### Certificates

Cloud Computing   NPTEL	Aug' 24
Web Development   DevTown	Dec' 22
Full stack with Java   IBM	July' 24

### Technical Skills

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

Technologies/Frameworks: React, MongoDB, ExpressJS, NodeJS, PHP, MYSQL, Django, Git, REST API, JWT

Developer Tools: VS Code Soft Skills:

Time Management, Quick Learner, Adaptability, Teamwork and Collaboration

### Education

<b>Lovely Professional University Punjab</b>	2022 – 2026
<i>B.Tech in Computer Science and Engineering — CGPA: 6.67</i>	<i>Jalandhar, Punjab</i>
<b>Dr. Radhakrishnan</b>	2020 – 2021
<i>12th with Science — Percentage: 86.5%</i>	<i>Dibrugarh, Assam</i>
<b>Vivekananda Kendra Vidyalaya</b>	2018 - 2019
<i>10th — Percentage: 79.2%</i>	<i>Roing, Arunachal Pradesh</i>