

Ayush Kumar Jha

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TECHNICAL SKILLS

Languages: C/C++, Java, Python
Version Control: Git, GitHub
Development: HTML, CSS, JavaScript, React.js, Node.js, Express.js
Databases: MongoDB, MySQL, PostgreSQL

EXPERIENCE

Multipro

Apr 2024 – Sep 2024

Full Stack Developer Intern

Pune, Maharashtra

- Developed an admin dashboard using React to enhance the user interface and experience.
- Designed and implemented **REST APIs**, reducing data retrieval time by 20%.
- Managed **PostgreSQL** database operations, ensuring secure and efficient data handling.
- Collaborated with a team of five developers using GitHub for version control.

Boost Start Experts

Feb 2024 – Apr 2024

Web Developer Intern

Pune, Maharashtra

- Developed responsive websites using HTML, CSS, and JavaScript, improving mobile compatibility.
- Implemented user-friendly designs and best practices to optimize user engagement.
- Utilized Git for version control, maintaining code integrity during collaborative development.

ACHIEVEMENTS

- Achieved a Certificate of Excellence by securing first place in the internship test, demonstrating exceptional analytical and problem-solving skills, and outperforming 50+ peers in a competitive environment.
- Solved 500+ Data Structures and Algorithms questions on LeetCode and CodeChef combined. [Leetcode Profile](#)
- Achieved a **3-star** rating on CodeChef (Max Rating: 1630). [CodeChef Profile](#)
- Earned a **Silver + Elite** badge in the NPTEL Data Structures course (Top 10%).

PROJECTS

AlumChatter | MongoDB, Express.js, React.js, Node.js, Socket.IO

- Built a real-time chat application for college alumni using MongoDB, Express.js, React, and Node.js.
- Implemented WebSocket communication with **Socket.IO** for low-latency messaging.
- Facilitated stronger alumni connections and networking opportunities, enhancing engagement within the college community.

Secure Auth System | Express.js, Node.js, MongoDB, JWT

- Developed a secure authentication and authorization system using **Express.js** and **JWT**.
- Implemented **role-based access control (RBAC)** with roles such as "user" and "admin".
- Built a **password reset** feature using an email-based verification process.
- Logged user activities and authentication-related events for security monitoring.
- Documented REST APIs using **Postman** for easy testing and integration.

Bharat Jyoti NGO | HTML, Tailwind CSS

- Created a fully responsive website for Bharat Jyoti NGO using HTML and Tailwind CSS.
- Acquired and configured a custom domain to enhance the NGO's digital presence.
- Developed an intuitive, mobile-first design to improve user experience and engagement.
- Worked closely with the NGO to tailor the website's structure and content to their needs.

EDUCATION

Bharati Vidyapeeth (Deemed to Be University) College of Engineering, Pune

Expected May 2025

Bachelor of Technology in Information Technology (CGPA: 9.45)

Pune, Maharashtra

- **Relevant Coursework:** Data Structures and Algorithms (C++), Database Management System, Computer Network, Operating System