

# Ayush Kumar

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## SKILLS

**Languages:** Java, JavaScript, Python, PHP, OOPS.

**Web Technologies:** React JS, Node.js (Express.js), HTML5, CSS3, Tailwind CSS, Redux-toolkit.

**Tools/Platforms/DB:** MySQL, MongoDB, Git, GitHub, VS Code, Postman, Docker.

**Soft Skills:** Problem-Solving, Team Player, Project Management, Adaptability.

## EXPERIENCE

- **Outlier | AI Trainer | Remote** Sep 2024 – Apr 2025  
*Freelancer*
  - Evaluated and optimized AI-generated code in **Java** and **JavaScript** to improve the accuracy of **Large Language Models (LLMs)**.
  - Conducted technical **review** and **debugging** of complex code snippets, ensuring adherence to syntax and logic standards.
  - Contributed to **Reinforcement Learning from Human Feedback (RLHF)** workflows to enhance model reasoning capabilities.

## PROJECTS

- **Pest Alert System** | [GitHub](#) | [Live](#) Mar 2025 – Apr 2025
  - Developed a scalable pest tracking platform using the **MERN Stack**, enabling real-time infestation reporting for farmers and reducing response times by **40%**.
  - Built a centralized **Admin Dashboard** with **Socket.IO** integration to broadcast instant alerts and visualize outbreak locations, improving community awareness by **50%**.
  - Implemented **Role-Based Access Control (RBAC)** and secure image handling protocols (Multer) to manage sensitive agricultural data across Farmer and Admin user levels.
  - Tech Stack:** React 19, Node.js, Express 5, MongoDB, Socket.IO, Tailwind CSS, Redux Toolkit.
- **Mac OS Style Portfolio** | [GitHub](#) May 2025 – Jul 2025
  - Architected a robust window management system using **React 19** and **Zustand**, utilizing **Immer** to handle complex stacking contexts (z-index) and window persistence with minimized re-renders.
  - Used GSAP to create 60 FPS window transitions and dock magnification with authentic macOS physics.
  - Designed a scalable Higher-Order Component (HOC) pattern with **Tailwind CSS**, ensuring consistent native-OS behaviors (drag, resize, maximize) across all app modules while reducing code redundancy.
  - Tech Stack:** React 19, Zustand, Tailwind CSS, GSAP, Vite, Git, Github.

## CERTIFICATES

- |  |          |
|--|----------|
| Cloud Computing   <a href="#">NPTEL</a>                    | Nov 2025 |
| Google – AI Essentials   <a href="#">Google</a>            | Sep 2025 |
| Building web application in PHP   <a href="#">Coursera</a> | May 2025 |

## ACHIEVEMENTS

- **Solved 200+ DSA Questions:**  
Solved **200+** coding problems across platforms like LeetCode and GeeksforGeeks.
- **Have 1500 rating in Leetcode:**  
Achieved a maximum rating of **1500**, demonstrating advanced algorithmic problem-solving skills.

## EDUCATION

- |  |                            |
|--|----------------------------|
| - <b>Lovely Professional University</b>  | Punjab, India              |
| - <i>Bachelor of Technology - Computer Science and Engineering; CGPA: 7.38</i> | <i>Aug 2023 - Present</i>  |
| - <b>Maharishi Vidya Mandir</b>  | Jail Road, Fatehpur        |
| - <i>Intermediate; Percentage: 76%</i>   | <i>Apr 2020 - Mar 2022</i> |
| - <b>Maharishi Vidya Mandir</b>  | Jail Road, Fatehpur        |
| - <i>Matriculation; Percentage: 85%</i>  | <i>Apr 2018 - Mar 2020</i> |