

# Ayush Kumar

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## SKILLS

**Languages:** JavaScript, Python, Java.  
**Frontend:** HTML, CSS, Tailwind CSS, React.js, TypeScript, Redux-toolkit  
**Backend:** Node.js, PHP, MongoDB, Mongoose, Goggle OAuth, Clerk  
**Tools:** MongoDB Atlas, Git, JWT, Bcrypt, Git, Github, Docker, AWS, Jenkins, Postman, VSCode, AI-Code Editors.  
**Core CS:** Data Structures & Algorithms, OOPs, Operating System (OS), Networks, Database (DBMS)  
**Soft Skills:** Communication, Problem-Solving, Team Collaboration, Time Management, Adaptability.

## EXPERIENCE

### Outlier | AI Trainer | Remote

Sep' 2025 – 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 Human feedback (RLHF) workflows to enhance model reasoning capabilities.

## PROJECTS

### Agrifield – Pest Alert System | [GitHub](#) | [Link](#)

Nov' 2025

- Designed a scalable pest tracking platform using **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, Vite, Git, GitHub.

### Mac-OS Style Portfolio | [GitHub](#) | [Link](#)

Dec' 2025

- Architected a robust window management system using React 19 and **Zustand**, utilizing Imer 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.

### Supplier-Relationship management System | [Github](#)

Feb' 2025 – May 2025

- Developed a robust SRM platform using **PHP** and **MySQL**, streamlining the onboarding process for 50+ suppliers and reducing administrative overhead by 30%.
- Built a centralized Admin Dashboard to visualize transaction metrics and supplier ratings, improving data decision making efficiency by 40%.
- Implemented Role-based Access Control (RBAC) and secure validation protocols to manage confidential data across 3 distinct user levels.
- **Tech Stack:** PHP, MySQL, JavaScript, HTML5, CSS3, Tailwind CSS, VS Code, Apache.

## CERTIFICATES

Cloud Computing | [NPTEL](#)

Nov' 2025

Google – AI Essentials | [Google](#)

Sept' 2025

Building Web application in PHP | [Coursera](#)

Jul' 2024

Responsive Web Design | [FreeCodeCamp](#)

Oct' 2023

## ACHIEVEMENT

Solved 200+ coding problems across platforms like Leetcode and Geeksforgeeks

Dec' 2025

Achieved a maximum rating of 1000 demonstrating advance algorithmic problem-solving

Dec' 2025

## EDUCATION

### Lovely Professional University

Phagwara, Punjab

Bachelor of Technology - Computer Science and Engineering; **CGPA: 7.56**

Since Aug' 2023

### Maharishi Vidya Mandir

Fatehpur, Utar-Pradesh

Intermediate; **Percentage: 76%**

Apr' 2021 – Mar' 2022

### Maharishi Vidya Mandir

Fatehpur, Utar-Pradesh

Matriculation; **Percentage: 85%**

Apr' 2019 – Mar' 2020