

# Amit Tiwari

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## SKILLS

- **Languages:** JavaScript, Python, Java, C, C++, PHP
- **Frameworks & Libraries:** HTML, CSS, React.js, Next.js, Node.js, Express.js, Redux, Flask, ESLint
- **Databases:** MySQL, MongoDB, PostgreSQL
- **Tools & Platforms:** Git, GitHub, VS Code, Docker, Render, Vercel, Netlify, GCP, Figma
- **Soft Skills:** Teamwork, Problem Solving, Leadership, Adaptability, Critical Thinking

## INTERNSHIP

**NYERAS Edu-tech and Innovations Pvt. Ltd | Certificate**

Aug 2025 - Dec 2025

Full Stack Developer Intern

- Designed and deployed a MERN healthcare system using MVC-based 3-tier architecture for scalability and fault isolation.
- Developed 40+ secure RESTful APIs with JWT, RBAC, HttpOnly cookies, and bcrypt for authentication and authorization.
- Accelerated API latency by 75%, response time by 73%, and manual workflows by 90%.

**Tech:** React, Shadcn/UI, Tailwind CSS, Node.js, Express.js, MongoDB, JWT, bcrypt, SendGrid, RESTful APIs

## PROJECTS

**DocVerse - Doctor Appointment Management System | GitHub | Live**

Dec 2025

- Built a role-based healthcare platform aligned with OWASP Top-10 security standards.
- Streamlined booking with MongoDB aggregations and indexing, achieving <50ms queries and zero double bookings.
- Integrated AI health triage and analytics, improving specialist accuracy ~40% and admin efficiency ~60%.

**Tech:** React, Node.js, Express.js, MongoDB, JWT, OAuth, Tailwind CSS, Google Gemini API, SendGrid, UPI Payment

**EventEase Lite - Event Management Platform | GitHub | Live**

Jul 2025

- Architected a scalable MERN event platform with 9-state booking flow, UPI payments, refunds, and schema validation.
- Strengthened multi-layer RBAC security with JWT and middleware hardening, reducing authorization defects by ~30%.
- Optimized React performance using memoization, lint-safe hooks, and optimistic updates, cutting re-renders ~35%.

**Tech:** React, Node.js, Express.js, MongoDB, Mongoose, Tailwind CSS, JWT, bcrypt, ESLint, RESTful APIs

**AI Virtual Therapy Assistant | GitHub**

Mar 2025

- Created an AI-assisted CBT chatbot with structured dialogue flows, improving user understanding and clarity by 25%.
- Implemented intent recovery and fallback routing, reducing conversation failures and interruptions by 30%.
- Refined short-term context memory handling, improving response relevance and reducing repeated queries by 20%.

**Tech:** HTML, CSS, JavaScript, Node.js, Express.js, MongoDB, Google Gemini API

## TRAINING

**Full Stack Development in React and Node | Certificate**

Jun 2025 – Aug 2025

- Completed intensive full-stack training focused on scalable UI design and secure backend architecture.
- Applied centralized state management, async workflows, API orchestration, and secure client-server communication.
- Executed multiple end-to-end projects with high execution accuracy, earning an A grade for performance and reliability.

## CERTIFICATIONS

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|--|----------|
| • Oracle Cloud Infrastructure 2025 Certified DevOps Professional   Oracle   Link   | Oct 2025 |
| • Oracle Cloud Infrastructure 2025 Certified Foundations Associate   Oracle   Link | Oct 2025 |
| • Software Engineering Job Simulation - Accenture   Forage   Link                  | Aug 2025 |
| • Data Science with Excel & Tableau   CSE Pathshala   Link                         | Mar 2024 |

## ACHIEVEMENTS

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|--|----------|
| • Solved <b>550+ Data Structures and Algorithms problems</b> on LeetCode | Jan 2026 |
| • Maintained a <b>150+ day continuous coding streak</b> on LeetCode      | Jan 2026 |
| • Achieved a <b>4-Star Java proficiency badge</b> on Hacker Rank         | Aug 2025 |

## EDUCATION

<b>Lovely Professional University</b>	Phagwara, Punjab
Bachelor of Technology - Computer Science and Engineering; CGPA: 7.9	Aug 2023 - Present
<b>Kendriya Vidhyalaya No 1 Patiala Cantt.</b>	Patiala, Punjab
Intermediate; Percentage: 80%	Apr 2022 - Mar 2023
<b>Kendriya Vidhyalaya No 1 Patiala Cantt.</b>	Patiala, Punjab
Matriculation; Percentage: 88%	Apr 2020 - Mar 2021