

Amit Padhan

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ACADEMIC DETAILS

Year	Degree/Exam	Institute	GPA/Marks(%)
Jun, 2024 - Jun, 2028	B.TECH in Computer Science	Graphic Era Hill University Dehradun	75%
2024	C.B.S.E	Bhartiyam International School	68.00%
2022	U.B.S.E	P.P.N.T Inter College, Jaspur	76.00%

INTERNSHIPS

- AI-Assisted Full Stack Web Development Intern** Jun 2026 – Aug 2026
Technology Business Incubator – Graphic Era University (TBI-GEU)
Contributed to full-stack web development initiatives, building scalable web solutions and gaining practical experience in modern development workflows.

PROJECTS

- 3D Champ – Digital Manufacturing Platform** Next.js | TypeScript | Three.js | MongoDB
Built a full-stack manufacturing and lead-generation platform with interactive 3D experiences, service and portfolio modules, quote requests, dashboards, RBAC, Cloudinary file management, analytics, SEO, and secure APIs.
- College Event Management Portal** Next.js | React | TypeScript | MongoDB
Developed a production-ready campus event platform with RBAC, event registration, QR-based attendance, department management, dashboards, and automated workflows.
- PeriodTracker – Cycle Tracking & Health Analytics** Next.js | React | MongoDB | Recharts
Developed a full-stack analytics application with secure authentication and interactive dashboards for visualizing historical user logs and trends.
- Certiii – Certificate Download Portal** React.js | Node.js | Express.js | MongoDB
Built an automated certificate generation and verification system with dynamic PDF generation, secure delivery, and SHA-256 based certificate verification.
- RSSB Management System** React.js | Node.js | Express.js | PostgreSQL
Designed a full-stack administrative system for digital record management, search, update, delete, printing, and data export workflows.

TECHNICAL SKILLS

- Languages:** C++, Python, Java, JavaScript, TypeScript, HTML5, CSS3, SQL.
- Frameworks & Technologies:** React.js, Next.js, Node.js, Express.js, Tailwind CSS, Three.js, MongoDB, Mongoose, Recharts, Cloudinary.
- Tools & Platforms:** Git, GitHub, AWS, Apache, Vercel, Render, VS Code.
- Core Concepts:** DSA, OOP, DBMS, REST APIs, Cloud Computing, Software Architecture, Automation, Analytics, RBAC Security.

SCHOLASTIC ACHIEVEMENTS

- DSA Solving:** Solved 200+ data structure and algorithmic problems on LeetCode.
- Full-Stack Development:** Developed and deployed multiple full-stack applications using Next.js, React, Node.js, MongoDB, and PostgreSQL.
- IEEE:** Active IEEE student member and contributor to technical activities.

CERTIFICATIONS

- NPTEL – Database Management Systems; AWS Academy – AWS Cloud CLI Essentials; Google AI for Data Analysis; Google AI for Research and Insights; Python Programming Bootcamp; DSA & C++ Bootcamp; Git & GitHub Bootcamp; JavaScript Bootcamp; Machine Learning Workshop.