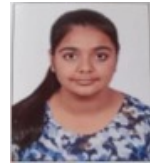# Aditi Goyal

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GitHub — aditigoyal291

EDUCATION

PES University — Bangalore, India
Bachelor of Technology in Computer Science; CGPA: 8.39 — *June 2021 – September 2025*

K.V.M. Sr. Sec. School — India
Intermediate — *March 2019 – April 2021*

St. Thomas School — India
Matriculation — *March 2008 – April 2019*

TECHNICAL SKILLS

- **Languages**: C/C++, Python, JavaScript, HTML, CSS, TypeScript, MySQL
- **Frameworks**: Next.js, Tailwind CSS, Express
- **Libraries**: React, Axios, jQuery, Mongoose
- **Coursework**: Machine Intelligence, Statistics in Data Science, Database Technologies, Blockchain, Compiler Design, Cloud Computing, Operating Systems, Object-Oriented Programming, Database Management, Data Structures and Algorithms
- **Tools**: Kafka, Git, GitHub, VS Code, Vercel, Prisma, Docker, Postman, Linux, Figma

EXPERIENCE

Technical Core Member of Aatmatrisha'24 — PES University, Bangalore
Technical Core Member — *January 2024 – March 2024*

- **Aatmatrisha Website**: Developed and maintained the event website, facilitating online payments and ticketing, managing over 5,000 attendees and generating 6,000+ page views.
- **dotSlash 5.0**: Coordinated a 24-hour hackathon with 140+ participants, overseeing logistics and providing technical support for multiple domains.

Freelancer — Remote
Web Developer — *October 2023 – December 2023*

- **Kwick7**: Designed and implemented a SEO-optimized portfolio site using Next.js, boosting website traffic by 40% through enhanced performance and search rankings.

Teaching Assistant Hybrid — PES University, Bangalore
Web Development TA — *August 2023 – December 2023*

- **Mentorship**: Led 60+ students in web development projects, providing guidance on modern tools and best practices in front-end and back-end development.

PROJECTS

- **DotSlash 5.0 (Next.js, MongoDB, Prisma, TypeScript, Shadcn, Tailwind CSS)**: Developed a full-stack website for DotSlash Hackathon, integrating an admin dashboard to handle team registrations and manage 140+ teams. (Feb 2024 - Mar 2024)
- **Aatmatrisha'24 (Next.js, MongoDB, Prisma, TypeScript, Shadcn, Tailwind CSS)**: Engineered a website for PES University's annual fest, managing ticket sales and event organization for 5,600+ users. (Feb 2024 - Mar 2024)
- **Task Management using Raft Consensus Algorithm**: Built a distributed MySQL cluster ensuring high availability and data consistency across 5+ nodes, automating leader elections. (Feb 2024 – April 2024)
- **Spam Shield (Web Dev, Data Science, ML)**: Designed a spam detection tool utilizing machine learning algorithms, trained on 50,000+ data points, improving accuracy by 20%.

EXTRA-CURRICULAR

- **NEXUS**: Led the Web Development team in building various tools and platforms for the university's technical events.
- **Aatmatrisha'24**: Contributed as a core technical member, developing and maintaining event websites.
- **HealthHack2.0 and DotSlash5.0**: Mentored participants and resolved technical issues as a key technical advisor during hackathons.
- **Event Organization**: Managed events including HealthHack 2.0, Heal-O-Code, NeuroNex, and DotSlash 5.0, coordinating logistics and technical infrastructure.