Nilesh Mehra

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EDUCATION

Graphic Era Hill University — Dehradun, India
Bachelor of Computer Applications; GPA: 8.4/10 — *Sept 2024 – Present*

Ever Green Sr. Sec. School — Haldwani, India
CBSE Class 12th; Marks: 68.60% — *2023 – 2024*

Ever Green Sr. Sec. School — Haldwani, India
CBSE Class 10th; Marks: 89.17% — *2021 – 2022*

TECHNICAL SKILLS

Languages: JavaScript, Python, Java, C, HTML, CSS
Frontend: React.js, Next.js, Tailwind CSS, Bootstrap
Backend & Auth: Node.js, Express.js, RESTful APIs, NextAuth, Razorpay
Databases: MongoDB, Mongoose, MySQL
Python Libraries: NumPy, Pandas, Matplotlib
Developer Tools: Git, GitHub, Visual Studio Code, Postman, VMware Workstation, Cloudinary, Google Cloud

PROJECTS

Nilmaanus (Esports Tournament Platform) | *Next.js, MongoDB, Razorpay, Cloudinary, Tailwind CSS*   Link
- Architected and developed a full-stack esports marketplace platform enabling organizers to create tournaments and players to discover and join them.
- Implemented role-based access control with Admin, Organizer, and User roles using NextAuth and protected API routes.
- Designed an organizer request and approval workflow where users apply for organizer access and admins review and approve requests.
- Built admin dashboards to manage users, organizer approvals, and tournament activity, improving moderation efficiency and platform control.
- Implemented RESTful backend APIs using Node.js, Express.js, and MongoDB to manage users, roles, and tournaments with scalable data models.
- Ensured platform scalability, secure authentication, and real-world esports platform workflows.

Get Me A Chai (Full-Stack Donation Platform) | *Next.js, NextAuth, Razorpay, Tailwind CSS*   GitHub
- Created a full-stack donation platform allowing creators to receive monetary support through secure online payments.
- Integrated Razorpay payment gateway to handle transactions and payment verification securely.
- Implemented authentication and session management using NextAuth for protected user flows.
- Built backend APIs with MongoDB and Mongoose to store user profiles, donations, and transaction records.
- Designed a responsive and modern user interface using Tailwind CSS enhancing accessibility and responsiveness across devices.

Password Manager | *React.js, JavaScript, HTML, Tailwind CSS*   GitHub
- Built a React-based password manager to securely store and manage user credentials on the client side.
- Configured local storage for persistent credential management and copy-to-clipboard functionality.
- Focused on clean component structure, state management, and intuitive user interface design.

LEADERSHIP & ACTIVITIES

National Service Scheme (NSS) — Graphic Era University
Active Volunteer — *2022 – Present*
- Participated in community service initiatives, awareness campaigns, and social outreach programs.
- Developed leadership, teamwork, and communication skills through coordinated volunteer activities.
- Assisted in organizing events and managing volunteers at the university level.