

# SHIVAM HIPPALGAVE

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## Education

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**MIT Academy of Engineering, Pune**

*Bachelor of Technology in Computer Engineering (8.26 CGPA)*

**August 2023 – 2027**

*Pune, Maharashtra, India*

## Projects

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**NerdsOnCall** | *Next.js, TypeScript, Spring Boot, Java, PostgreSQL, WebRTC, Socket.IO, RazorPay, Tailwind CSS*

- A doubt-solving platform for students to connect with tutors via video calls, whiteboards, and screen sharing.
- Enabled real-time collaboration with secure authentication, interactive tools, session tracking, and seamless payments.
- Deployed At: [NerdsOnCall](#), GitHub: [nerds-on-call](#).

**DataFlowAI** | *React.js, Chart.js, TailwindCSS, React Router, Framer Motion, TensorFlow.js*

- An interactive ML visualizer for Linear, Logistic Regression, KNN, and K-Means with animations and metric tracking.
- Allows users to plot points, adjust parameters, and observe live training with smooth Chart.js visualizations and insights.
- Deployed At: [DataFlowAI](#), GitHub: [dataflow-ai](#).

**Origami-CF** | *Next.js 15, TypeScript, Tailwind CSS, MongoDB, Codeforces API, JWT, bcryptjs, React 19, SWR, Recharts*

- Competitive-programming training platform to create custom virtual contests, track progress, and manage upsolving.
- Custom contest creation (800–3500), real-time training mode with submission tracking, ELO predictions, and analytics.
- Deployed: [Origami-CF](#). GitHub: [origami-cf](#).

## Experience

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**Google Developer Group (GDG) MIT AoE**

**Oct 2024 – Present**

*Technical Team Member*

- Contributed to the development and management of various **technical projects** within the **GDG** at MITAOE.
- Assisted in organizing **coding events** by designing challenging programming questions and implementing solutions.

## Technical Skills

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**Languages:** C, C++, Python, Java, JavaScript, HTML, CSS

**Frameworks:** Node.js, Express.js, React.js, Bootstrap, Tailwind CSS

**Databases:** MongoDB, MySQL, PostgreSQL

**Tools & Technologies:** GitHub, Figma, MATLAB

**Data Science:** Tableau, NumPy, Pandas, Matplotlib

## Achievements

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**IICPC CodeFest Prelims:** Secured **Rank 885**, demonstrating strong competitive programming skills.

**GDG TechSprint on HackerRank:** Achieved **1st Rank** in a coding contest, showcasing strong coding abilities.

**GDSC Nirmaan2.0 Hackathon:** Achieved **1st Prize** by building a chatbot using **Google DialogFlow** to assist students with academic queries.

**GirlScript Datathon:** Achieved **2nd Prize** for developing a **Linear Regression model** predicting monthly energy consumption and electricity bills based on various parameters.