

SHIVAM HIPPALGAVE

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Education

MIT Academy of Engineering, Pune

Bachelor of Technology in Computer Engineering (8.26 CGPA)

August 2023 – 2027

Pune, Maharashtra, India

Projects

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 codeforces 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

Google Developer Group (GDG) MIT AoE

Oct 2024 – Present

Technical Team Leader

- 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

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

DevOps: AWS (IAM, VPC, EC2, S3), Docker, Shell Scripting

Achievements

Codeforces Specialist: Max Rating **1410**, secured **Rank 1048** in **Codeforces Round 1058 (Div. 2)**.

CodeChef 3-Star: Max Rating **1734**, achieved **Rank 81** in **CodeChef Starters 174-C**.

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 & GirlScript Datathon: Won **1st Prize** for a chatbot using **DialogFlow** and **2nd Prize** for an energy prediction ML model.