

Vageesh G. N.

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📁 Portfolio

Technical Skills

Languages: Java, Python, JavaScript, TypeScript, C++ (basic)

Frameworks & Libraries: Next.js, Node.js (Express), Tailwind CSS, Flutter, FastAPI, Django (basic)

Databases & APIs: PostgreSQL, MongoDB, GraphQL

Tools & Platforms: Git/GitHub, Docker, Prisma, Firebase, Linux, Nix, Shell, Figma

Education

B.M.S. College of Engineering

2023 – 2027

B.E. in Artificial Intelligence and Machine Learning — CGPA: 8.95/10 (up to 5th semester)

R.V. PU College

2021 – 2023

12th State Board — Aggregate: 88%

Projects

Circulet — *Next.js, TypeScript, GraphQL, Prisma, PostgreSQL, Tailwind CSS* [↗](#)

- Built a campus-only marketplace for students to rent, sell, give away, or request items within the college community.
- Implemented Google OAuth with domain-level restriction and protected GraphQL mutations to ensure accountability and moderation.
- Added search, filters, and optimistic UI updates for a fast, intuitive, and visually minimal user experience.

BMSCE IEEE Computer Society Website — *Next.js, TypeScript, MongoDB, Prisma* [↗](#)

- Developed the public-facing website showcasing events, initiatives, and activities of the IEEE CS chapter.
- Built a secure internal portal for organizers to manage events, content, and leaderboards.
- Implemented role-based authentication for organizers, members, and public users.

EchoSelf — *Next.js, Tailwind CSS, Python, OpenAI API, MusicGen, Docker, Cloudinary* [↗](#)

- Built an AI system that generates album artwork and genre-based music from a user-provided image.
- Used OpenAI for image generation and MusicGen (Python) for audio synthesis, containerized with Docker.
- Enabled QR-based sharing and optimized media storage by uploading generated assets to Cloudinary.

Experience

Research Intern — **Samsung R&D Institute Bangalore (PII Protection)**

Jan 2026 – Present

- Working on research and development of techniques for identifying and protecting Personally Identifiable Information.

Web Developer — **IEEE CS SYP TechX 2024** [↗](#), **TechX Bangalore 2024** [↗](#)

2024

- Designed, deployed, and maintained official event websites using Next.js and Tailwind CSS under tight timelines.

Full-Stack Developer — **UTSAV 2025** [↗](#)

2025

- Built frontend features and backend integrations for the college's annual techno-cultural fest website.

Freelance Web Developer

2024 – Present

- Revamped Inovact Social [↗](#) and built Big Foundation [↗](#) from scratch.

Achievements

- Outstanding Student Volunteer Award 2024 — IEEE SPS Bangalore Chapter.
- Part of BMSCE IEEE CS ExCom that won Outstanding SBC Award 2024 and ranked No. 1 globally.
- Secured 4th place at PythonSimplified CodeJam for CyberSpiders.

Clubs and Leadership

BMSCE IEEE Computer Society

Jan 2025 – Present

Chairperson — Led the team in organizing 10+ college to international-level technical events.

BMSCE Phase Shift 2025

Aug 2025 – Sept 2025

Student Core — Organized BMSCE's Annual International Technical Symposium.

Google Developer Groups, BMSCE

Oct 2024 – Sept 2025

Web Dev Lead & AI Study Jams Co-lead — Conducted peer learning sessions.