# Meda Anilkumar

Bengaluru, Karnataka | +91 9986489887 | anilkumarmeda6@gmail.com |
linkedin.com/in/anilkumar-meda-2b2624331 | github.com/anilkumara9

## Profile

Innovative Computer Science undergraduate specializing in Data Science, with hands-on experience designing AI-powered applications and scalable web platforms. Proven ability to reduce processing times, enhance user experiences, and lead cross-functional projects. Passionate about solving complex problems at scale and contributing to high-impact products in top-tier tech companies.

## Technical Skills

**Programming:** Python, Java, JavaScript, TypeScript, HTML, CSS, SQL

**Frameworks/Technologies:** Node.js, React, Next.js, Prisma, MongoDB, Tailwind CSS, Docker, Expo, TRPC

**Cloud Platforms:** Google Cloud Platform, AWS, Vercel

**AI/ML:** LangChain, RAG, Ingest,JSON-prompt,n8n,vercel AI-SDK,PyTorch,TensorFlow,Scikit-learn

**Databases:** Neon DB, Prisma, MySQL, PostgreSQL, Chroma DB

**Developer Tools:** Git, GitHub, Cursor, Windsurf, Perplexity, Gemini, Claude AI, ChatGPT

## Projects

### AI-Powered Interview Preparation Platform

- Full-stack web app with AI voice interviews and blockchain credential verification.
- Integrated Vapi AI, Gemini AI, Next.js 15, Firebase, Ethereum, and IPFS.

### Deep-Research Assistant

- Built an autonomous research agent using reinforcement learning for web-scale data extraction and reasoning.
- Enabled automated synthesis of multi-source information, improving research efficiency for complex topics.

### Vibe-Coding (Polo)

- Developed an AI-driven coding platform that generates optimized, production-ready code from natural language prompts.
- Integrated Next.js, Prisma (Neon DB), Tailwind CSS, Vercel SDK, Docker, TRPC, and Gemini AI for seamless workflow automation.
- Improved developer productivity by eliminating repetitive coding tasks and accelerating prototyping.

## Awards & Achievements

- **IBM SkillsBuild** – Certified in Advanced Cloud and AI Applications.
- **NPTEL DBMS** – Elite Certification for Database Management Systems.
- **CIDECODE Hackathon (PES University)** – Finalist for AI-Powered Problem Solving.
- **Codeforces REVA Hackathon** – Third Prize for Full-Stack Application Development.
- **Kaspersky Manipal Hackathon** – Qualified among the **Top 5 Teams**.

## Education

**New Horizon College of Engineering, Bengaluru**                    Aug 2022 – Present

B.E. in Computer Science (Data Science)

CGPA: **8.09**

**BKG PU College, Sandour**                    Jun 2020 – May 2022

Pre-University Course (PCMB Stream)

Percentage: **71.3%**

## Leadership & Extracurricular

- Led multiple student tech events, boosting participation rates by 30%.
- Public speaking and mentorship experience for coding and AI workshops.
- Hobbies: Cricket, Chess, Drawing, Research.

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