

Soham Agrawal

8830882168 | sohamsachinagrwal@gmail.com | Pune, Maharashtra, 411057

<https://sohamagrwal-creator.github.io/Resume>

Philomath | Engineering | AI & Content Enthusiast

AI engineering aspirant passionate about building automation and systems at the intersection of human behavior, innovation, and technology. Published researcher in computational neuroscience and AI, with a paper accepted at the 4th International Conference on Applied Artificial Intelligence and Computing (ICAAIC 2025).

Experienced in product-driven development, applied AI experimentation, and leadership through ACM and GDG initiatives. Known for blending technical curiosity with strong communication and storytelling skills gained through freelance content writing.

Education

B.E. in Computer Engineering

International Institute of Information Technology, Pune

July 2023 – July 2027

Pursuing computer engineering with specialization in Artificial intelligence (AI/ML)

Currently enrolled in an online Leadership Program from IIM Ahmedabad (Ongoing).

Skills

Programming: Python, JavaScript, HTML, CSS

AI & Tools: LangChain, OpenAI APIs, Prompt Engineering, RAG (Beginner), GANs

Platforms: GitHub, Firebase, Notion, WordPress

Concepts: Generative AI, Product Thinking, Human-AI Interaction, Digital Wellbeing

Soft Skills: Leadership, Communication, Public Speaking, Critical Thinking

Leadership & Awards

Vice Chair, ACM Student Chapter, I²IT Pune: Leading AI and research.

Lead, GDG x E-Cell, I²IT Pune: Organizing AI boot camps for 100+ students.

Campus Ambassador, E-Cell IIT Bombay: Promoting entrepreneurship.

Experience

Vice Chair: ACM Student Chapter, IIT Pune

July 2025 – Present

- Leading chapter operations, speaker coordination, and strategic planning for technical events.
- Introduced structured documentation and collaborative workflows to streamline event execution.
- Mentoring junior members in AI, content creation, and research participation.

Lead: GDG x E-Cell, IIT Pune

September 2025 – Present

- Driving Google Developer Group initiatives within the Entrepreneurship Cell, organizing AI and product innovation bootcamps.
- Building a collaborative ecosystem connecting developers, founders, and innovators across campus.

Freelance Content Writer: Things2Do

July 2024 – September 2024

- Authored SEO-optimized travel blogs and digital content.
- Strengthened writing clarity and communication skills now applied in research and AI documentation.

Research & Projects

Research Publication: Neuroplasticity-Inspired GANs (2025)

Accepted at the *4th International Conference on Applied Artificial Intelligence and Computing (ICAAIC 2025)*. Explores GAN-based brain regeneration and cognitive recovery using AI-driven modeling.

ZenZ: Digital Wellbeing App

Web tool for focus tracking and journaling with a future AI-integration scope.

HTML, CSS, JavaScript / [Link](#)

Netflix-Style Portfolio

Interactive resume website showcasing projects and achievements. / [Link](#)

Certifications & Recognition

- **Blockchain** Bootcamp: Basics of Decentralization & Smart Contracts
 - **ChatGPT** Masterclass: Prompt Design & AI Automation
 - **Quantum Computing** Workshop: IIT Bombay (Teleportation & Entanglement)
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