

EDUCATION

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| • VIT Bhopal University
B. Tech CSE (Core) CGPA: 8.35 | Sept 2022 - Present |
| • Kendriya Vidyalaya Sector-8 R.K. Puram, New Delhi
Senior Secondary Percentage: 90% | May 2021 - June 2022 |
| • Kendriya Vidyalaya No. 2 AFS Chakeri, Kanpur, UP
Secondary School Percentage: 84.8% | May 2019 - Aug 2020 |

SKILLS

- **Programming Skills:** Python, MySQL, Java, C, OOP with C++, HTML, CSS, JavaScript, Linux Kernel
- **Software:** MS Excel, Canva, Visual Studio, Eclipse, MATLAB
- **Soft Skills:** Communications, Critical-Thinking, Problem-Solving, Adaptability

EXPERIENCE

Software Intern – Tonbo Imaging Nov 2024 – Jan 2025

- Conducted in-depth Linux kernel optimization focusing on boot speed enhancement and power efficiency improvements, gaining hands-on experience with kernel-level performance tuning
- Developed expertise in system boot time optimization and power management, analysing bottlenecks and implementing solutions to improve overall system performance
- Worked on system-level software development using Linux environments, contributing to kernel parameter modifications and configuration optimizations under technical guidance

RESEARCH PAPER

Numerical and computational analysis on population control-

- **Developed and tested 5 innovative** population growth models incorporating diverse factors, improving the accuracy of predictions by 25%; findings were integral to the theoretical framework and cited by industry practitioners
- **Authored detailed content for the research paper**, translating intricate computational analyses and findings into clear, accessible insights for both technical experts and general readers

EXTRA-CURRICULARS AND ACHIEVEMENTS

EXTRACURRICULAR

- **DSW Office Member - VIT Bhopal** University December 2022 – Ongoing, Managing Editor (Monthly Newsletter), April 2023- June 2023
- **Member of AI Club** VIT Bhopal, Feb 2022 – 2023
- **Organized and Managed Event for the EV Club** VIT Bhopal
- **Managed the Technical Events during AdVITYa 2025** VIT Bhopal

POSITION OF RESPONSIBILITY

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| • Technical Secretary – VIT Bhopal University | Sept 2024 – Present |
| As the Technical Secretary of the Student Counsel, I oversee all technical clubs, chapters and communities. My responsibilities include organizing their events, making sure they have the tools they require, and keeping a complete record of their events. I serve as the link between the clubs and the administration, attempting to facilitate the smooth resolution of any problems that may come up. | |
| • Technical Lead – GSOC Innovators Club – VIT Bhopal University | Jan 2025 – Present |
| As Technical Lead of the GSOC Innovators Club, we spearheaded the organization and execution of "Summer of CodeFest '25," the club's inaugural hackathon event. Led technical sessions on GitHub and version control for 100+ participants, mentored teams throughout the 2-day event. Coordinated with cross-functional teams including anchors, quiz coordinators, and backend support to ensure seamless event delivery. | |

ADDITIONAL INFORMATION

- **Hobbies-** Playing Guitar, Listening Music, Gaming, Swimming
- **Languages:** English (Professional working proficiency), Hindi (Native/Bilingual proficiency), Oriya, Bengali