Devansh **Parapalli**

COMPUTER SCIENCE STUDENT · WEB AND SYSTEMS DEVELOPER

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Education

Government College of Engineering, Nagpur	*Nagpur, Maharashtra*
B.Tech. in Computer Science & Engineering | CGPA: 8.28 / 10	*2021 – Present*
G. H. Raisoni Vidyanekatan	*Nagpur*
12TH STANDARD | CBSE | PERCENTAGE: 85 / 100	*2019*
Bharti Krishna Vidya Vihar	*Nagpur*
10TH STANDARD | CBSE | PERCENTAGE: 85 / 100	*2017*

Experience

PolymathAI — *Nagpur, Maharashtra, India*
SOFTWARE ENGINEER INTERN — *Jun 2024 – Present*

- Working on AI-powered web applications, integrating NLP, LLMs, and machine learning into web interfaces
- Developing full-stack applications using MERN stack and Next.js
- Implementing AI models to enhance product functionality
- Collaborating with the founding team on feature development spanning web and AI components

Gameathon — *Remote*
SOFTWARE ENGINEERING INTERN — *Mar 2023 – Apr 2023*

- Integrated payment gateways (Razorpay and Stripe) into a React, Express, MongoDB, and Node.js platform
- Implemented e-commerce functionalities including discount codes and shopping carts
- Integrated Firebase for authentication and developed a game request feature

Projects

Developer — *Govt. College of Engg., Nagpur*
ARA: AI-POWERED RESEARCH ASSISTANT — *Jan 2024 – May 2024*

- Developed an application to enhance research capabilities using advanced AI technologies
- Implemented Large Language Models for content summarization and text generation
- Designed and built data storage system using PostgreSQL with REST API integration
- Assisted in frontend development using Svelte and SvelteKit

Skills

Programming	Python, C/C++, JavaScript/TypeScript, Rust
Web Development	React, Svelte, Next.js, SvelteKit, Node.js, Express, Django, FastAPI, Flask
AI & ML	Natural Language Processing, Machine Learning, Deep Learning, LLMs
DevOps & Cloud	Docker, AWS, GCP, Firebase, Supabase
Other	Linux, Git, RESTful APIs, WebGL, Three.js, WebRTC, Arduino, ESP32
Languages	English, Hindi, Telugu

Honors & Awards

TECHNICAL COMPETITIONS

2023	**Finalist**, Smart India Hackathon	*India*
2017	**2nd Place**, World Robotics Olympiad - Open Category	*India*
2018	**Regional Finalist**, TCS ITWiz	*Nagpur, India*
2017	**Regional Finalist**, TCS ITWiz	*Nagpur, India*

ACADEMIC ACHIEVEMENTS

2024	**Winner**, IDE Bootcamp organized under AICTE for SIH Finalists	*India*

COMMUNITY CONTRIBUTIONS

2020	**Contributor**, GitHub Archive Program	*Global*
2020	**Contributor**, Modi-Script Open Source Project	*GitHub*

Publications

Author   *ResearchGate*

ARA: ARTIFICIAL INTELLIGENCE POWERED RESEARCH ASSISTANT   *Apr 2024*

- Introduced ARA, an innovative application designed to revolutionize academic research
- Detailed ARA's methodology, microservices-based implementation, and evaluation results
- Discussed ethical considerations and future directions in AI-powered research assistance

Leadership & Extracurricular Activities

Computer Science Student's Association (COMSA)   *Govt. College of Engg., Nagpur*

VICE PRESIDENT   *Sep 2023 – Present*

Institution's Innovation Council (IIC 5.0)   *Govt. College of Engg., Nagpur*

CO-HEAD STUDENT COORDINATOR & INNOVATION COORDINATOR   *Sep 2022 – Aug 2023*

Student Welfare Committee (SWC)/Gymkhana   *Govt. College of Engg., Nagpur*

TECHNICAL HEAD   *Sep 2022 – Aug 2023*

Google Developer Student Club   *Govt. College of Engg., Nagpur*

TECHNICAL CO-LEAD   *Aug 2022 – Jul 2023*

References

Tanmay Dhote   *PolymathAI*

FOUNDER   *Nagpur, India*

📱 (+91) 9789006076

✉ tanmay.d@trypolymath.ai

Anant Pant   *Gameathon*

PROPRIETOR   *Remote*

📱 (+91) 7895022064

Dr. D. J. Chaudhari   *Govt. College of Engg.*

PROJECT GUIDE   *Nagpur, India*

📱 (+91) 8956022197

✉ djchaudhari@gcoen.ac.in

Dr. Udaya Balakrishna   *Our Own High School*

PROFESSOR   *Al Warqa, Dubai*

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