

Devansh Parapalli

COMPUTER SCIENCE STUDENT · WEB AND SYSTEMS DEVELOPER

401, Akshay Heights III, Bharat Nagar, Amravati Road, Nagpur, Maharashtra, India - 440001

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Education

Government College of Engineering, Nagpur

B.TECH. IN COMPUTER SCIENCE & ENGINEERING | CGPA: 8.28 / 10

Nagpur, Maharashtra

2021 – Present

G. H. Raisoni Vidyanekatan

12TH STANDARD | CBSE | PERCENTAGE: 85 / 100

Nagpur

2019

Bharti Krishna Vidya Vihar

10TH STANDARD | CBSE | PERCENTAGE: 85 / 100

Nagpur

2017

Experience

PolymathAI

SOFTWARE ENGINEER INTERN

Nagpur, Maharashtra, India

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

SOFTWARE ENGINEERING INTERN

Remote

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

ARA: AI-POWERED RESEARCH ASSISTANT

Govt. College of Engg., Nagpur

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

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|-----------------|-----------------------------------------------------------------------------|
| 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

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|------|------------------------------------------------------------|---------------|
| 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

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| 2024 | Winner , IDE Bootcamp organized under AICTE for SIH Finalists | India |
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COMMUNITY CONTRIBUTIONS

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

Publications

Author

ARA: ARTIFICIAL INTELLIGENCE POWERED RESEARCH ASSISTANT

- 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

ResearchGate

Apr 2024

Certifications

Fundamentals of Accelerated Computing with CUDA C/C

CREDENTIAL ID 4FSGNU7QTPQoVYAZHLiUw

NVIDIA

Jul 2024

Leadership & Extracurricular Activities

Computer Science Student's Association (COMSA)

VICE PRESIDENT

Govt. College of Engg., Nagpur

Sep 2023 – Present

Institution's Innovation Council (IIC 5.0)

CO-HEAD STUDENT COORDINATOR & INNOVATION COORDINATOR

Govt. College of Engg., Nagpur

Sep 2022 – Aug 2023

Student Welfare Committee (SWC)/Gymkhana

TECHNICAL HEAD

Govt. College of Engg., Nagpur

Sep 2022 – Aug 2023

Google Developer Student Club

TECHNICAL CO-LEAD

Govt. College of Engg., Nagpur

Aug 2022 – Jul 2023

References

Tanmay Dhote

FOUNDER

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PolymathAI

Nagpur, India

Anant Pant

PROPRIETOR

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Gameathon

Remote

Dr. D. J. Chaudhari

PROJECT GUIDE

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Govt. College of Engg.

Nagpur, India

Dr. Udaya Balakrishna

PROFESSOR

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Our Own High School

Al Warqa, Dubai