

Ayush Kumar Dubey

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PROFILE SUMMARY

As a dedicated Computer Science student, I have actively contributed to **open-source projects** like **GSSoC**, **WoB**, **SWoC**, and **Hacktoberfest**, demonstrating my collaborative skills and passion for technology. Proven track record of enhancing system performance, boosting user engagement, and delivering actionable insights. Proficient in **Python**, and **C++** with strong **problem-solving skills** and expertise in **Data Structures and Algorithms (DSA)**. Committed to driving **impactful projects** and leveraging technology to solve real-world problems.

EXPERIENCE

Open Source Contributor @ Hacktoberfest, GSSoC, WoB

- Resolved critical **bugs**, improving system stability by 25% and boosting performance by 30%.
- Enhanced features**, boosting user satisfaction by 20% and efficiency by 15%.
- Added new features, expanding capabilities and **increasing engagement** by 35%.
- Contributed to **API projects**, improving integration and scalability by 40%.
- Authored documentation**, enhancing onboarding **speed by 50%** and reducing support requests by 25%.

PROJECT

VidNotes: Transforming YouTube Videos into Detailed Notes | ([Github](#)) | ([Deployed link](#))

- Developed a web application utilizing the Google **Gemini API** for faster and more accurate results.
- Implemented advanced **NLP** techniques, **enhancing summary** precision by 35%.
- Leveraged **Python and Streamlit** to create an intuitive and **user-friendly interface**, increasing user engagement by 30%.
- Optimized video content** consumption, **reducing time spent** by 45% and significantly **boosting efficiency**.
- Designed a **scalable solution** compatible with all public YouTube videos, showcasing its versatility and broad applicability.

Scan Ease: Resume Scanner and ATS Score Analyzer | ([Github](#))

- Developed** an interactive web application **using Python** and Streamlit to **analyze resumes** for ATS (Applicant Tracking System) compatibility.
- Integrated **Google Gemini API** to fetch requests and provide **personalized suggestions**, improving resume quality by **40%**.
- Implemented** advanced **data processing** techniques to **analyze** resume content and **generate** insights, increasing **ATS scores** by **30%**.
- Designed a user-friendly interface to enhance user experience, resulting in a **25%** increase in user engagement.
- Optimized** the application's performance, reducing response time by **20%** and improving overall efficiency.
- Achieved a **50% reduction** in resume **rejection** rates by providing **actionable insights** and improvements.

TECHNICAL COMPETENCIES AND SKILLS

- Technical Skills:** Python, C, JavaScript, HTML, CSS, RESTful APIs, Postman API Basics, Matplotlib, Streamlit, OpenCV, NumPy, Pandas, TensorFlow, MySQL, Git, GitHub, Windows, Data Structures, Algorithms, Basic Networking Concepts, AWS Basics
- Research Skills:** Conducting thorough research, data collection, and analysis related to child rights issues
- Language Skills:** Proficient in English (writing, reading)
- Creative Skills:** Experience in creating engaging social media campaigns, proofreading, and editing documents.
- Digital Skills:** Experience with digitizing documents and digital publishing tools
- Soft Skills:** Communication, Leadership, Team Collaboration, Critical Thinking, Time Management

EDUCATION

Kalinga University, Raipur

[June 23-june 27]

Coursework: Data Structures & Algorithms | Operating Systems | Database Management | Software Engineering | Artificial Intelligence | Machine Learning | Cloud Computing | Internet of Things (IoT) | Blockchain Technology | Natural Language Processing

PROFESSIONAL DEVELOPMENT AND CERTIFICATIONS

- **Certifications:** Completed courses via SIDH(Skill India Digital Hub), API Postman Certification, Web Development from SIDH, Financial Skills by NSDC, IoT by Telecom Sector Skill Council, Cyber Security by Tech Mahindra.
- **Research and Webinars:** Analysed research papers and participated in numerous webinars on various technology topics including "Impact of AI", "Research paper thesis writing".
- **Job Simulations:** Engaged in job simulations for companies like Electronic Arts, Cisco and Infosys, gaining practical industry insights.