PRANAY SHAURYA

Email: Pranayshaurya.pro@gmail.com | LinkedIn: linkedin.com/in/pranay-shaurya-06106b252 , Location: Darbhanga, Bihar

Mob-no- 9334192924

EDUCATION

VIT Bhopal

BTech, Computer Science and Engineering (Specialization in Health Informatics)   *Oct 2022 – Aug 2026*
- GPA: 8.15

Mahatma Gandhi Shikshan Sansthan   Bihar, India
Pre-University Education (Class 12)   *May2018 – june2019*
- GPA: 7.7

Darbhanga Public School   Bihar, India
Secondary Education (Class 10)   *May2016 – june2017*
- GPA: 9.2

EXPERIENCE

GenAI Exchange Program on Google Cloud
- Participated in **GenAI Exchange on Google Cloud** by Hack2Skill.
- completing hands-on labs on **Prompt Design in Vertex AI** and **Building Real-World AI Applications with Gemini and Imagen**.
- Earned credentials for both modules and applied generative AI techniques using Google Cloud tools to build scalable, real-world applications.
- Actively continuing with advanced programs to deepen expertise in cloud-based AI development and deployment.

EPICS (**Project Exhibition**)
- Designed intuitive UI components and conducted 10+ usability tests, reducing user task completion time by **40%**.
- Developed a responsive frontend using Next.js, TypeScript, and Tailwind CSS, improving user engagement by **30%** across devices.
- Created complete brand identity including logo design, enhancing platform credibility and increasing user onboarding by **25%**.

PROJECTS

Alzheimer Disease detection | Tools: CNN , (ML)   Feb 2024 – Apr 2024
- Developed a **Machine Learning model** for early Alzheimer's detection, achieving an **accuracy of 92%**.
- Implemented **Convolutional Neural Networks (CNNs)** for medical image classification, processing **60,000+ MRI** scans.
- Leveraged **Transfer Learning (TL)**, reducing training time by **30%** while maintaining high model efficiency.
- Preprocessed MRI scan datasets, improving feature extraction and increasing model precision by **15%**.
- Optimized hyperparameters, reducing **overfitting by 25%** and enhancing generalization across different datasets.
- Conducted **cross-validation with 5-fold testing**, ensuring a robust and reliable classification model.

SevaSathi – Local Services Marketplace (Web Application) / Tools & Tech: Next.js , TypeScript , Tailwind CSS , Figma
- Designed and developed a responsive frontend using Next.js and Tailwind CSS, increasing mobile user retention
- Led UI/UX research and usability testing with 10+ participants, improving overall task success rate by **40%**.
- Collaborated with design and QA teams to refine interactive elements, ensuring cross-browser compatibility and accessibility.
- Created the complete visual identity of the platform, including logo design and branding assets, boosting user trust and onboarding by **25%**.
- Documented test cases and user guides to streamline design feedback and ensure consistent implementation.

Skills

- **Programming Languages:** C++, Python, SQL, JavaScript, (**markup language** -HTML5)
- **Technologies:** Frontend Web Development , Generative AI, Database Management, Debugging, Troubleshooting
- **Tools:** Git, GitHub, Docker
- Strong **problem-solving** and analytical thinking
- Effective **communication** and **teamwork** skills
- Quick **learning ability** and adaptability to new technologies, Strong **research** skills for technical problem-solving
- Ability to **work well under pressure** and meet deadlines

Certificates

- *The Bits and Bytes of Computer Networking* **(Coursera/Google)** *(https://coursera.org/share/43e2eab3ed769efc5b5bc87099b652ae)*
- **AWS Academy Graduate** - *AWS Academy Cloud Foundations* **(https://www.credly.com/badges/c4e10273-62b3-45e5-8134-ecbcbd7253a3/public_url)**
- *DevOps Fundamentals* **(IBM)** *(https://courses.ibmcep.cognitiveclass.ai/certificates/eaef35e891334f19ae7a05791422b41f)*
- **Language:** *English (Fluent), Hindi (Fluent), Japanese (Learning)*