DEV SHUBHANKAR

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in Dev Shubhankar | ◯ Cout-dev | ⬤ Cout-dev |

PROFILE SUMMARY

A passionate pre-final year Computer Science Engineering student specializing in **MERN stack development**, with strong proficiency in **C and C++**. Skilled in exploring and integrating emerging technologies to build innovative solutions, with strong analytical and problem-solving skills to tackle complex challenges.

EDUCATION

- **Kiit University** *Sept 2022 - June 2026*
  B.tech CSE [GPA: 9.06/10.00] Bhubaneswar, Odisha
- **Sunbeam Varuna** *June 2022*
  Senior Secondary [Percentage : 87] Varanasi, Uttarpradesh
- **Sunbeam Varuna** *June 2020*
  Secondary Education [Percentage : 91.4] Varanasi, Uttarpradesh

EXPERIENCE

- **SDE intern** *Jan 2025 - Feb 2025*
  BlueStock
  ◦ Developed optimized RESTful APIs using Node.js and Express, implementing MongoDB indexing and query optimization to improve data retrieval efficiency and scalability. Integrated JWT authentication and role-based access control for secure API access.
  ◦ Implemented CI/CD pipelines with GitHub Actions, enabling automated testing and seamless deployment. Designed a scalable microservices architecture, ensuring high availability and performance for IPO-related data.
- **Director of Operations** *Nov 2022*
  Federation of Entrepreneurship Development KIIT University
  ◦ Directed Operations at FED, streamlining processes, improving efficiency, and ensuring successful implementation of key initiatives like **Skill Hunt**.
  ◦ **Led a team of executives**, fostering collaboration and driving impactful projects to enhance overall organizational performance and growth while project management and execution .

PROJECTS

- **Digital Signature Webpage**
  Tools: [JavaScript, HTML, CSS] [◯]
  ◦ Designed an **interactive** digital signature webpage allowing users to draw and save signatures using **canvas manipulation** and **local storage**.
  ◦ Deployed - Web Page

- **Social media**
  Tools: [MongoDB, Express.js, React.js, Node.js] [◯]
  ◦ Developed a social media app with features like user profiles, liking, commenting, and **real-time** image/video posting.
  ◦ Integrated **JWT authentication and bcrypt password** hashing for secure user login and data protection.

- **Healytics**
  Tools: [Python, Flask, React.js, MongoDB, Machine Learning] [◯]
  ◦ Developed a **health prediction web application** that leverages machine learning models to predict **diabetes, stress levels, thyroid conditions, heart disease, and calorie burn** etc.
  ◦ Integrated React for a **responsive frontend** and **Flask for backend API development**, ensuring seamless communication between the UI and predictive models.
  ◦ Optimized ML models for accuracy and efficiency, providing real-time health insights based on user-input data.

SKILLS

- **Programming Languages:** C++, C, Python , Java
- **Technologies:** React.js, Node.js, Express.js , JavaScript , Tailwind-Css , Html , Data-Analysis ,
- **Coursework Skills:** Data Structures and Algorithms, Operation System, DBMS, Computer Networks, Object-Oriented Programming, Computer Architecture, SQL , Artificial intelligence (AI) , PowerBI.
- **Soft Skills :** Canva , Excel, leadership , Teamwork , professional communication
- **Libraries:** Numpy, Panadas, Matplotlib, Sckitlearn, Flask

ADDITIONAL INFORMATION

- **Leadership Experience:** - Director at FED, Executive at K-Connect, and experienced in public speaking.
- **Sports:** - Competed in chess at the **national level** and badminton at the **state level**.
- **Certificates:** - AWS Academy Cohort program by AICTE, MERN FullStack Development from 30 Day Coding