





BASANT RAJ THAPA


The Oxford College of Science (HSR Layout, Bangalore)

 The Oxford new general boys hostel, Bomanhalli, Bangalore-560068, Karnataka, India

 +91 8259816378

 basantrajt@gmail.com

 <https://github.com/itsbrt1>

 <brtportfolio.com>

PROFESSIONAL SUMMARY

Motivated IT student with hands-on experience in software development, networking and cloud computing. Proficient in Python, Java, C++, JavaScript, and SQL, with a strong understanding of web development, database management, and system administration. Experienced in troubleshooting, debugging, and optimizing system performance through real-world projects. Passionate about emerging technologies, DevOps, and automation. Strong problem-solving skills, teamwork, and a proactive approach to IT challenges.

TECHNICAL SKILLS

- Programming Language:** C++, Java, Python
 - Database System:** phpMyAdmin, SQL
 - Operating System:** Windows, Linux
- Web Technology:** HTML, XML , PHP, JSON, Java-script, CSS
 - Framework:** MERN stack, Django, Express.js
 - Tools:** Anaconda, Abode Dreamweaver, Microsoft Office

KEY PROJECTS

1. **Project 1**
(BCA 2nd year)

 - Designed** a web portal for taking online examination.
 - Keywords:** LAMP stack (Linux-Apache-Mysql-PhpMyadmin), HTML, CSS, Php, REST principles
- Project 2**
(BCA 2nd year)

 - Developed** a fully functional G-mail app
 - Keywords:** MERN stack (MongoDB, Express.js, React, Node.js), React-vite, Dom and redux toolkit, JavaScript NPM and functionality
1. **Project 3**
(BCA 3rd year)

 - Designed** fully functional E-Commerce platform
 - Keywords:** MERN stack (MongoDB, Express.js, React, Node.js), React-vite, NPM and functionality, SQL databases
1. **Project 4**
(BCA 3rd year)

 - Created** multiple AI driven computer vision applications like emotion and gesture detector.
 - Keywords:** Open source libraries (Open CV, Tensor Flow)

EDUCATION

Program	Institution / Board	% /CGPA
Bachelors in Computer Application	The Oxford College of Science, HSR Layout, Bangalore	7.6 CGPA (Sept-2022-Ongoing)
Secondary School Leaving Certificate	Kendriya Vidyalaya Eastern Air Command Upper Shillong	72% (2019-2020)

INTERNSHIPS

- Python Programming | [Pantech Solution] | [Jan-2024] to [Mar 2024] :** Developed and optimized Python scripts for data processing, automation, and analytics, improving debugging efficiency by 32%. Collaborated on real-world projects, implementing algorithms and debugging code to enhance system performance.
- Data Analysis | [Tanishq] | [Sept 2024] to [Nov2024] :** Analyzed sales and customer data using Excel and SQL to identify trends and optimize marketing strategies. Developed reports and dashboards, providing insights that improved decision-making and business performance.
- Java Full-stack developer | [Zidio development] | [Feb 2025] (Ongoing) :** Built scalable web applications using Java, Spring Boot, Hibernate, and Microservices for backend and React/Angular, JavaScript, HTML, and CSS for frontend. RESTful APIs, database management (MySQL, PostgreSQL, MongoDB), and cloud technologies (AWS, Docker).

COURSE AND CERTIFICATIONS

- Microsoft Power BI Certificate (Data Analyst)
- Internship on Artificial Intelligence and Machine Learning with projects
- Solved 150 LeetCode problems

ACHEIVEMENTS

- Won inter college hackathon for a project on Healthcare section
- Awarded best outgoing student in the department