Krishna Singhal

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SKILLS

Languages: C++, Java, C, Python, JavaScript, SQL
Tools/Platforms: Git, GitHub, Power BI, VS Code, Excel
Soft Skills: Problem-Solving, Learning Ability, Teamwork, Adaptability

PROJECTS

CPU Scheduling Algorithms in Operating Systems |Scheduling , Simulation| Link   May 25 -Jun25
- Analyze common CPU scheduling algorithms.
- Implement scheduling algorithms and measure performance.
- Compare algorithms using quantitative metrics such as average waiting time, turnaround time, and CPU utilization (%)

Money & Finance Management App (Flutter) |App dev, Framework, Dart | Link   Jun 25 – Jul 25
- Built a finance management app using Flutter & Dart to track income, expenses, and budgets.
- Added interactive graphs and charts for visualization of spending patterns.
- Enabled students to track daily, monthly, and yearly expenses across 10+ categories.

Uttarakhand Dashboard |Power BI, Database| Link   May 25 -Jun 25
- Established an interactive Power BI dashboard to analyze employment trends across districts of Uttarakhand using government datasets.
- Created dynamic visuals, slicers, and KPIs to track workforce participation, gender-wise employment, and sector distribution.
- Generated actionable insights using data modeling and 20+ DAX measures to support policy decisions.

TRAINING

Mobile Application Development using Flutter | Link   Jun25- Jul 25
Flutter development
- Industrialized a cross-platform mobile application using Flutter with a focus on responsive UI and smooth user experience.
- Implemented efficient state management for real-time data handling.
- Ensured scalable and maintainable app architecture with reusable widgets and platform-independent deployment.

CERTIFICATES

- Master Generative AI & Generative AI tools| Udemy| Link   Aug 25
- Master Generative AI Tools| Udemy | Link   Aug 25
- Fundamentals of Network Communication |Coursera| Link   Sept 24

KEY RESPONSIBILITIES

Microsoft Achievers Club   Sept 24 – Present
Chief Technical Officer (CTO)
- Oversee all technical operations and project development within the club.
- Delivered 8+ hands-on workshops, impacting 30+ students..
- Mentored 30+ club members in project implementation and technical skill development.

Sanguine Club   Mar 24 – Sept 25
Chief Financial Officer (CFO)
- Oversaw finances for 10+ events, ensuring transparency and cost efficiency.
- Reduced event expenses by ~20% through structured budgeting and monitoring.
- Analyzed financial performance and prepared reports to support strategic decisions.

EDUCATION

Lovely Professional University   Phagwara, Punjab
Bachelor of Technology   Aug 23 – Present
Computer Science and Engineering; CGPA: 7.40

Saraf Public School   Khatima, Uttarakhand
Intermediate; Percentage: 79.60%   Apr 21 – Mar 22
Saraf Public School   khatima, Uttarakhand
Matriculation; Percentage: 77.20%   Jan 19 – Mar 20