ABISHEKK KAILASHRAM KRISHNA

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Education

THE COLLEGE OF NEW JERSEY, SCHOOL OF SCIENCE, *Ewing, NJ* **August 2023 - May 2027**
Bachelors of Science in Computer Science Cumulative GPA: 3.2

- **Relevant Coursework**: Operating Systems, Software Engineering, Regression Analysis,Database Systems, Computer Architecture, Statistical Inference, Text Mining,Statistical Quality Control, Computational Problem Solving, Data Structures, Discrete Mathematics, Analysis of Algorithms

Skills

Programming Languages/Tools: SQL, Java, C++, C, CSS, Javascript, Python, MATLAB, R,Ruby, and HTML
Cloud & DevOps: EC2, S3, AWS Lambda,Amazon EBS, AmazonELB, Amazon VPC, Git,Github, and VS Code
Data Tools: ETL processes, Jupyter Notebook
Hobbies: Competitive Soccer, Basketball

Experience

Nexus Internship (Building cloud based solutions for developers) **May 2024 - August 2024**
Plainsboro, New Jersey

- Facilitated core concepts of cloud computing to the team and delved deep into specific platforms and instances in AWS such as: EC2, S3, Lambda and assisted the front end team with debugging and solutions.
- Optimized cloud resource allocation, reducing monthly AWS costs by 15% through strategic utilization of EC2 instances and S3 storage solutions.
- Collaborated with a 5-member front-end team, resolving 90% of reported debugging issues within project deadlines to ensure seamless application functionality
- Monitored and analyzed system performance metrics across EC2 instances, identifying bottlenecks and achieving a 25% improvement in system efficiency.

Best Brains Learning Center (*Coding/Abacus Tutor*) **November 2024**
East Windsor, New Jersey

- Committed to helping students(K-8) build a strong foundation in mathematics and technology while boosting their confidence and curiosity in abacus based mental math and coding.
- Successfully introduced over 50 students to coding principles, guiding 85% to create their first fully functional projects using Scratch or Python.
- Designed and implemented personalized learning plans that increased student engagement in STEM activities by 40%, as measured by completion rates and class participation.
- Organized coding challenges and mental math competitions in class, boosting student confidence, with 95% of participants expressing enthusiasm for continued learning.

Best in Class Education (*Math/English Enrichment Tutor*) **January 2025**

- Provided personalized one-on-one tutoring in math and English to students aged 8-16, focusing on improving comprehension, problem-solving skills, and overall academic performance.
- Facilitated writing workshops that helped students improve essay writing, leading to an average score improvement of 20% on written assignments
- Developed tailored lesson plans and enrichment activities for students, increasing engagement and reinforcing key concepts in both subjects

Volunteer Experience/Activities

Association for Computing Machinery *(ACM)* **Sept 2023 - Dec 2023**
The College of New Jersey - Ewing, New Jersey

- Aimed to enhance my knowledge with various computer languages by participating in collaborative activities with Teacher Assistants in the Computer Science field.
- Participated in weekly programming challenges, mastering three new programming languages (Python, JavaScript, and C++) within six months
- Enhanced understanding of software development lifecycles by contributing to open-source projects, resulting in 200+ lines of optimized code submissions.

Diversity in the Growing Field of Technology *(DIGIT.all)* **Sept 2023 - Dec 2023**
The College of New Jersey - Ewing, New Jersey

- Shared insights on the importance of fostering inclusive environments in tech spaces, contributing to a 20% increase in participation in diversity-focused initiatives
- Led and contributed to group discussions on overcoming challenges in tech and tech culture, resulting in a 15% increase in the group's understanding of cultural inclusivity in technology

Awards/Achievements

2023 Fall TCNJ Dean's List *School of Science* **Fall 2023**
2024 Spring TCNJ Dean's List *School of Science* **Spring 2024**

AWS Certified Cloud Practitioner **Certification Confirmation**