Akarsh Kapoor

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SUMMARY

Highly motivated Computer Science Engineer with internship experience in Software Development, RD and Cloud domain. Eager to contribute to innovative software projects while continuously expanding my technical skills.

PROFESSIONAL EXPERIENCE

Intern - Research and Development   Jan 2024 – Present
Philips, India   *Bangalore, India*
- Contributed to the ICAP team, specializing in test automation and verification for the Philips AVW Application, automating over 15 test cases and crafting 80+ reusable scripts, resulting in 30% increase in overall test coverage.
- Played a pivotal role in 5 latest builds of the application, ensuring its quality and reliability by continuously monitoring automation script runs and promptly addressing failures through script improvements.
- Exhibited proficiency in handling critical client-side defects and adeptly navigating through 10+ sub-applications like CTV, NMV, and MRC, demonstrating a comprehensive understanding of the system's intricacies.

Intern - Cloud Infrastructure and Security   June 2023 – August 2023
Celebal Technologies, India
- Gained proficiency in cloud computing, computer networking, and Microsoft Azure.
- Created and deployed virtual machines, established V-net peering, configured site-to-site VPN connections, and designed a hub-and-spoke architecture within Azure.

PROJECTS

Decentralized E-Voting System | *Blockchain, React.js, Next.js, Tailwind CSS*   GitHub
- Collaborated on developing a Decentralized E-voting system using Blockchain.
- Focusing on creating multiple smart contracts with Ethereum & Solidity.
- Contributed to testing smart contracts using Remix IDE.

Wave detection and Height Measurement | *Computer Vision, Deep Leaning, OpenCV, Python*   GitHub
- Led data pre-processing efforts for feeding into the CNN in a project focused on wave monitoring and height prediction.
- Achieved 89% accuracy using a CNN trained on labeled images for wave height prediction in coastal management and marine safety.

TECHNICAL SKILLS

Programming Languages: Java, Python, C/C++, HTML/CSS, JavaScript
Tools & Frameworks: UI Path Studio, Git, Azure DevOps, Anaconda(Jupyter), Cloud Sim
Operating Systems: Windows Linux
Cloud: Amazon Web Services, Microsoft Azure
Key Courses: OOPs, DSA, DBMS, Cloud Computing, Computer Networking
Soft Skills: Communication, Leadership, Team Management, Marketing

EDUCATION

Kalinga Institute of Industrial Technology, Bhubaneswar   CGPA : 8.88
Bachelor of Technology in Computer Science & Engineering   *Sept. 2020 – Jun 2024*

City Montessori School, Delhi   Percentage : 91.80%
Senior Secondary   *2019 – 2020*

City Montessori School, Delhi   Percentage : 93.00%
Matriculation   *2017 – 2018*

CERTIFICATIONS

CISCO Networking Academy | *Cybersecurity, Networking and Python*
Amazon Web Services | *Cloud Computing*   Certificate