Shivam Kumar Kasaudhan

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EDUCATION

B.Tech. Computer Science (CGPA 8.05/10)   **Aug-2021- Present**
VIT Bhopal University   *Bhopal M.P*

TECHNICAL SKILLS

- **Languages**: C++, MySQL.
- **Development**: HTML/CSS, React.js, Tailwind CSS, Node.js, Express.js, MongoDB.
- **Tools:** Linux, Git/GitHub, AWS EC2, AWS S3, Amazon QuickSight, Shell-Scripting.

CERTIFICATION

- AWS Certified Cloud Practitioner   **Feb-2024**
- Google Cloud Digital Leader   **Jan-2024**

PROJECTS

Linux Server Backup Automation   **Nov-2024**

- Automated the daily backup process on an **AWS EC2** server through secure **SSH** connections, leveraging shell scripting and **rsync** command to efficiently synchronize directories and maintain comprehensive logs of outcomes.
- Configured a **cron** job for **scheduled backups**, ensuring that the automation runs consistently at the designated times, while implementing **real-time** email notifications to alert users on the success or failure of each **backup operation**.
- Utilized **Postfix** as the mail transfer agent to send timely **email alerts**, optimizing system performance by managing mail queues and monitoring logs for errors.

AWS S3 Dataset Visualization   **May-2025**

- Collected a large dataset of best-selling Amazon products from public sources and stored it in **AWS S3**.
- Visualized key trends and patterns using **Amazon QuickSight**, creating interactive dashboards for insights.
- Demonstrated cloud-based data visualization skills by integrating S3 with QuickSight for real-time analytics.

Agri-Connect – *Full Stack Agricultural Support and Marketplace Web App*   **Sep-2023 – May-2024**

- Developed frontend with **React.JS**, robust backend with **Node.JS** and Express.JS, and optimized data management with MongoDB, enhancing system performance.
- Spearheaded backend development, **version control**, and research, implementing a multilingual **AI-powered Farm Guide** supporting 10 major Indian languages.
- Engineered a platform enabling direct crop sales and organic products, curated **educational content** in 3 languages.

CO-CURRICULAR

- Achieved a **160-day** coding streak by solving **400+** LeetCode problems in C++ and **ranked 620** on GeeksForGeeks after solving **390+** questions consecutively for over **100** days, boosting algorithmic efficiency.
- Earned a 4-star **MySQL** rating on HackerRank, showcasing **SQL** expertise and database management skills.
- Enhanced **Git** proficiency and version control by merging four pull requests in **HacktoberFest 2023**, earning **$50 Appwrite credit**, access to the GitHub Student Developer Pack, and supporting reforestation through Tree Nation's **'Plant a Tree'** initiative.

EXTRACURRICULARS & ADDITIONAL INFORMATION

- Secured third place in the Treasure Hunt event organized by the AI Club.
- Participated in an immersive technology VR workshop organized by Monolith Research and Training Labs, Chennai.
- **Languages:** Hindi, English