Pavan Kalyan

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EDUCATION

SV College of Engineering and Technology   May 2023

B.Tech in Computer Science Engineering; GPA: 7.2/10

- **Coursework:** Data Structures, Algorithms, Object-Oriented Programming, Software Engineering, Operating Systems, Databases, Data Analytics, Machine Learning, Web Technologies, Computer Networks, Project Management.
- **Activities and Leadership:** Progate Student Ambassador, Student Council.

EXPERIENCE

Swecha   Hyderabad

Open Source Contributor   *August 2023 - Present*

- Contributed in building the world's first dataset in Telugu.
- Built an open-source full-stack app to store medical data and monitor patients' health parameters.

Facebook Developer Circles   Hyderabad

Hour of Code Volunteer   *May 2020 - July 2020*

- Organized Hour of Code and taught programming to over 100 developers.
- Participated in hackathons and won in coding competitions.

PROGRAMMING SKILLS

- **Languages** C++, Golang Python, Java, Kotlin, JavaScript, TypeScript, SQL, NoSQL, HTML, CSS
- **Technologies and Frameworks** UNIX, React.js, Next.js, Express.js, Node.js, Socket.io, PySpark, Pandas
- **Databases** MongoDB, MySQL, Hadoop
- **Cloud Technologies** Amazon Web Services (AWS)

PROJECTS

- **Fake Account Detection** Utilized machine learning techniques in Python, including SVM and Neural Networks, to efficiently detect 50 fake social media accounts.
- **ProCoders** Developed an online judge platform using the MERN stack and AWS. The platform enables users to submit and evaluate code solutions to predefined problems, offering automatic feedback on correctness and efficiency.
- **KeeperApp** A user-friendly application built with React that empowers users to seamlessly add and remove tasks, streamlining the task management process.

PUBLICATIONS

- Pavan Kalyan, Aditya D.K, **"Developing more efficient algorithms for sorting and searching large data sets"**
- Pavan Kalyan, Aditya D.K, **"IOT enabled dustbins using Arduino Uno: implementation and challenges"**

ACCOMPLISHMENTS

- Demonstrated strong problem-solving skills by successfully getting the best time complexity solution for 300 problems and solved over 500 problems on LeetCode.
- Extensive experience in solving coding challenges on CodeChef, showcasing a high level of proficiency in problem-solving, and achieved a CodeChef silver badge.
- Won the hackathon conducted by Facebook Developer Circles, Hyderabad.