

Pavan Kalyan

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EDUCATION

SV College of Engineering and Technology

April 2024

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.

PROGRAMMING SKILLS

- **Languages:** C++, Python, Java, Javascript, Typescript, SQL, NoSQL, HTML, CSS
- **Routing Protocols:** BGP, OSPF, ISIS
- **Tunneling Protocols:** MPLS, GRE, IPnIP
- **Technologies and Frameworks:** UNIX, TCP/IP, React.js, Express.js, Node.js, Socket.io
- **Databases:** MongoDB, MySQL, Hadoop
- **Cloud Technologies:** Amazon Web Services(AWS), Google Cloud Service(GCS).

PROJECTS

- **KeeperApp** A user-friendly application built with React. This app empowers users to seamlessly add and remove tasks, streamlining the task management process.
- **WhatsApp Clone** Built WhatsApp clone using MERN stack, used Socket.io technology for real time communication and created database using MongoDB for storage management.
- **Fake Account Detection** Used SVM (Support Vector Machine) Algorithm and Neural Networks to efficiently detect 50 fake accounts.

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 in 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

EXPERIENCE

Swecha

Open Source Contributor

Hyderabad

August 2023 - Present

- Contributed in building worlds first data set in Telugu.
- Built an open source Full Stack App to store Medical Data and monitor patient's health parameters.

Facebook Developer Circles

Hour of Code Volunteer

Hyderabad

May 2020 - July 2020

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