

Pavan Vitesh Kuncham

+91-8464917618 | pavanvitesh@gmail.com | PavanVitesh | PavanVitesh | pavan-vitesh-kuncham

Education

SRM University, Andhra Pradesh	Sep 2021 - Jul 2025
B.Tech in Computer Science and Engineering with Specialization in AIML	CGPA: 9.5/10.0
Relevant Coursework: Data Structures and Algorithms, Object Oriented Programming, Database Management, Artificial Intelligence, Machine Learning Algorithms	
Narayana Jr College, Vijayawada	Apr 2019 - May 2021
Senior Secondary School (Board: BIEAP)	Percentage : 96.5/100
Narayana (EM) High School, Vijayawada	Apr 2017 - Mar 2019
Secondary School (Board: BSEAP)	Percentage : 100/100

Work Experience

MiQ - Intern	Apr 2024 - Jun 2024
Successfully tackled real-world business problems in programmatic advertising . Conducted comprehensive data analysis on sports insights , utilizing various demographics to identify and target audience segments.	
Collaborated with the MiQ team to develop effective solutions for industry challenges . Demonstrated a high level of professionalism, teamwork, and adaptability	
APSSDC - Web Development Trainee	Jun 2023 - Aug 2023
Completed a comprehensive training focused on web development technologies including HTML/CSS, Python, and Django .	
Developed a Coupon sharing application , enabling users to trade unused coupons claimed from various online platforms.	
Integrated Razorpay payment system for wallet top-ups, for user convenience and transaction efficiency, and fostering a collaborative coupon-sharing community. (Project Link)	

Projects

TENDERBC Python, Django, GO Ethereum, Solidity, SQL, HTML/CSS	Project Link
Developed a secure tendering platform using blockchain . Carried out stringent privacy measures to keep bidder's identities and bid details confidential and immutable .	
Enforced strict permission protocols, maintaining impartiality and fair bidding by denying unauthorized access . Operated extensive testing and debugging to ensure platform security and robustness.	
Integrated advanced security features, including encryption and secure access protocols, to protect sensitive data and ensure compliance with industry standards.	
Travel Buddy Java, SQL, HTML/CSS	Project Link
Travel Buddy is a web application designed to connect individuals within the same organization or university for shared travel experiences , resulting in reduction of individual transportation costs.	
The project aims to facilitate collaboration, reduce transportation costs, and promote environmental sustainability by minimizing carbon footprints.	
Average Time Quantum Round Robin Process Scheduling Algorithm C	Proposed Algorithm
Designed and implemented to improve process scheduling efficiency by dynamically adjusting the time quantum based on the average burst time and remaining process time .	
Led extensive testing of the ATQRR algorithm, achieving increase in CPU utilization and reduction in average turnaround time compared to traditional Round Robin scheduling.	

Certificates & Achievements

Salesforce Developer Virtual Internship Certificate from SmartInternz (View Certificate)
Attended Amazon ML Summer School 2023 - an integrated learning program on key Machine Learning topics.
Certificate in AWS for Beginners course from Great Learning
Software Engineering Virtual Experience certificate from JPMC (Forage)
Secured Elite Silver Certificate (Top 5%) for completing DBMS Course from NPTEL
Received a 100% Merit Scholarship from SRM University AP to pursue B.Tech in CSE .
Secured 2nd position in the National Youth Day 2022 Quiz Competition organized by SRMU-AP

Technical Skills

Programming Languages	Python, C, C++, Java, Javascript, HTML/CSS, SQL, Bash
Technologies/Frameworks	Django, MySQL, MongoDB, React, Node, Git, Pandas, NumPy, Matplotlib, TensorFlow
Concepts	Artificial Intelligence, Machine Learning Algorithms, Operating Systems, NLP, API, Exploratory Data Analysis, Database Management

Patents

Kuncham Pavan Vitesh (2023), A SYSTEM AND A METHOD FOR GENERATING TRADING COUPONS , Filing Number: 202341087665 . (Published)
