

SHAIK UMAR FAROOQ

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PROFESSIONAL SUMMARY

I am a final-year B.Tech student specializing in CSE with a keen interest in development. I am an enthusiastic and proactive learner, eager to leverage my strong development skills in a professional setting. My passion for programming and innovation is fueled by collaboration, effective communication, and creative problem-solving. I embrace continuous learning with a dedicated mindset, enabling me to swiftly acquire new skills and excel in evolving technologies.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, JavaScript, TypeScript, JSON, HTML, CSS
Frameworks: React.js, Next.js, Node.js, Express.js, Bootstrap, Tailwind
DevOps and API Tools: Git, Docker, Kubernetes, Postman, REST APIs
Databases: MongoDB, MySQL

PROJECTS

- Connectz - Real-Time Community Networking Solution** | *MERN Stack* Jan 2024 - May 2024
 - Crafted with meticulous attention to detail, Connectz facilitates seamless communication among community members with shared interests and expertise. It categorizes users into domains like web development, app development, AI/ML and more, enabling effortless problem-solving and idea exchange.
 - Users engage in real-time conversations to seek advice, share knowledge, and collaboratively address challenges in their respective fields, enhancing interaction and fostering innovation within specialized communities.
- Wanderlust - Your Personalized Travel Accommodation Marketplace** | *NodeJs, Express, MongoDB* Sep 2023 - Dec 2023
 - Engineered a comprehensive full-stack travel platform inspired by Airbnb, integrating dynamic hotel listings, user reviews, and intuitive property management.
 - Enabled users to search destinations, explore detailed hotel listings, leave reviews, and manage property listings effortlessly.
 - Optimized user interaction through seamless destination search and interactive review features, enhancing the travel planning experience.
- Stock Price Prediction of High Frequency Data** | *Python* Jun 2023 - Aug 2023
 - Trained a Python-based system for high-frequency data-driven stock price predictions using Linear Regression algorithms.
 - Optimized investment decisions and fostered data driven strategies through the implementation of advanced algorithms.

EXPERIENCE

- Undergraduate Research Opportunity Program (UROP)** | *SRM University AP* Aug 2023 - Dec 2023
 - Developed a real-time pollution detection map using data visualization techniques and air quality analysis.
 - Pioneered the integration of emerging technologies, such as machine learning algorithms, into real-time pollution detection mapping to enhance accuracy and predictive capabilities.
 - Contributed insights from map to inform policy decisions, while promoting public engagement and community-based initiatives for air quality improvement.
 - Published research on real-time pollution detection mapping, showcasing dedication to advancing knowledge in the field.
- Summer Research Intern** | *SRM University AP* Jun 2023 - Aug 2023
 - Spearheaded the development and implementation of an advanced predictive model using high-frequency trading data, resulting in a significant improvement in predictive accuracy and deep insights into stock market dynamics.
 - Conducted pioneering research on "Stock Market Prediction with High-Frequency Data" during an internship at SRM University Andhra Pradesh. Explored the influence of rapid trading on stock price behavior, uncovering critical insights into market volatility and advancing predictive analytics.
 - Achieved a substantial increase in predictive power through rigorous analysis and innovative model development techniques.

EDUCATION

SRM University, AP	B.tech in Computer Science CGPA : 8.7	December 2021 - August 2025
Bhashyam Junior college	Intermediate Percentage: 92%	June 2018 - March 2020
ZP High School	10th GPA: 9.7	June 2017 - April 2018

ACHIEVEMENTS AND HACKATHONS

- Participated in Code Clause competetion and other hackathons, showcasing teamwork, problem-solving, and time management skills while developing innovative solutions within tight deadlines.
- Secured 4773 rank in Andhra Pradesh Engineering Entrance Test (EAPCET).