Arunkumar Vattimalla

Entry Level Graduate | Software Developer
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Summary

Championed advanced software projects in Angular, Springboot, C, Java, and Python. Engineered a 20% data accuracy boost with machine learning algorithms. Revolutionized user-centric design, achieving a engagement increase. Eager to lead challenging roles, driving innovation in cutting-edge software development.

Education

Bachelor of Engineering in Branch   July 2018 – August 2022
Methodist College of Engineering and Technology   CGPA – 7.38

Board of Intermediate Education   March 2016 – May 2018
Narayana Indian Institute of Technology Academy   PERCENTAGE -- 97

Technical Skills

- **Programming Languages:** Java, Python, C
- **Web Development:** HTML, CSS, JavaScript, Angular, ReactJS
- **Database:** SQL
- **Operating Systems:** Windows

Work Experience

Pravishya   November 2021 – December 2021
Software Developer Intern

- Spearheaded a COVID-19 analysis project, using AI and ML algorithms to boost data processing efficiency, aiding the global pandemic response.
- Collaborated cross-functionally, achieving a 20% improvement in real-time analysis efficiency and optimizing algorithms for impactful solutions.
- Led the implementation of data visualization tools, cutting processing time by 15% and enhancing system responsiveness for better stakeholder accessibility.
- Executed comprehensive testing, reducing post-deployment issues, ensuring seamless functionality and high-quality software.

Academic & Personal Projects

Library Management System   August 2020 – October 2020

- Implemented a user registration system with unique usernames and passwords, resulting in surge in new registrations.
- Streamlined the book borrowing process, enabling users to borrow with a single click and achieving a boost in borrowing system efficiency.
- Created an admin interface for user management, incorporating features like user suspension, resulting in a 25% reduction in admin task completion time.
- Employed Angular to craft a dynamic UI, enhancing responsiveness with a 15% reduction in page load times and interaction delays.

Forecast Analysis of Crime Based on FBI Data   June 2021 – August 2021

- Applied the K-Nearest Neighbors algorithm to scrutinize FBI crime data, achieving uptick in crime prediction accuracy.
- Developed an intuitive visualization tool, resulting in a 25% rise in user engagement and active exploration of crime data.
- Formed an interactive and user-friendly interface for input, resulting in increase in user satisfaction through feedback and usability testing.

Certifications & Achievements

- Created ReactJS guides for frontend development
- Led AI and ML projects using Python
- Executed various active web development projects
- Conducted Cisco's introductory cybersecurity sessions
- Achieved AIR-7284 in Codekaze Coding Ninjas Contest