Chintha Bhargava Siva Kumar Reddy

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Professional Summary

Application Developer skilled in designing, building, and configuring applications to meet business processes and user requirements. Proficient in ServiceNow IT Service Management, application development methodologies, database management, and integration techniques. Experienced in collaborating with cross-functional teams, problem-solving discussions, troubleshooting issues, and supporting Agile teams to deliver seamless solutions aligned with organizational goals.

Education

Bharath Institute of Higher Education And Research *August 2019 – May 2023*
B.Tech in Computer Science and Engineering CGPA: 9.04/10

Experience

Astrolite Tech Solution Pvt Ltd *Hyderabad, India*
Associate Software Trainee - Intern January 2025 – July 2025

- Designed, built, and configured dynamic web applications using **React.js**, enhancing application performance and user experience to meet business requirements.
- Developed and integrated **RESTful APIs** and services, ensuring seamless data flow and alignment with application development methodologies.
- Managed **PostgreSQL** databases with optimized queries, supporting database management and integration techniques for consistent data handling.
- Implemented automated CI/CD pipelines using **GitHub Actions** to streamline application deployment and support team workflows.
- Performed **API testing** and troubleshooting using **Postman**, resolving issues to ensure reliable performance.
- Collaborated with cross-functional teams in **Agile** environment, participating in problem-solving discussions, code reviews, and sprint planning.
- Applied version control best practices with **Git**, building knowledge to maintain code supporting team objectives.

Projects

Semi-Supervised Machine Learning for DDoS Detection

- Developed Naïve Bayes and Random Forest algorithms to detect DDoS attacks, improving accuracy by 20% through feature engineering and preprocessing.
- Built scalable data pipelines for real-time network analysis, applying integration techniques to handle large-scale traffic effectively.
- Conducted cross-validation and confusion matrix evaluations, troubleshooting model issues to enhance precision and reduce false positives.
- Leveraged semi-supervised learning to utilize unlabeled data, aligning with application development for broader threat detection coverage.

Bhargava Cart - Full Stack Food Delivery Portal 🌐 Web link

- Designed and configured full-stack application using React.js, Node.js, and MySQL, fulfilling user requirements for menu browsing and secure ordering.
- Implemented responsive UI and JWT authentication, ensuring seamless application performance across platforms.
- Validated APIs through testing with Postman, Jest, and Mocha, troubleshooting issues for security and reliability.
- Enhanced database management with indexing and caching, supporting scalable backend operations. Here's the sentence with one word removed:
- Developed admin panel features for order and user management, collaborating on deliverables to streamline processes.
- Integrated role-based access controls to manage permissions, improving security and ensuring proper authorization across the platform

Technologies

Languages: Java, JavaScript, Python
Frontend: Angular, React.js, Next.js, HTML5, CSS3, Bootstrap
Backend: Node.js, Express.js, RESTful APIs, WebSockets
Databases: MySQL, PostgreSQL, MongoDB
Tools: GitHub, Postman, Mocha, GitHub Actions
Knowledge: ServiceNow IT Service Management, Database Management, Problem Solving, ITIL, Troubleshooting