

NAVYA SREE ARUGONDA

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EDUCATION

Master of Science in Computer Science <i>University of South Florida, Tampa, FL</i>	August 2023 - April 2025 CGPA: 3.9/4.0
Bachelor of Technology in Computer Science and Engineering <i>JNTUH College of Engineering, Telangana, India</i>	Aug 2018 - July 2022 CGPA: 8.16/10.0

EXPERIENCE

Full Stack Developer , Site Service Software, Inc., Pennsylvania <ul style="list-style-type: none">Improved frontend usability by 25% through responsive component design using React.js and Tailwind CSS.Developed backend services with Spring Boot and optimized SQL queries, reducing data latency by 30%.Integrated PowerBI dashboards analyzing 500K+ elevator maintenance records, improving decision-making speed.Secured 25+ APIs and enforced RBAC policies, strengthening data governance in Agile sprints.	September 2024 - April 2024
Technical Support Engineer , Pegasystems, India <ul style="list-style-type: none">Resolved 50+ client issues in Pega Platform applications, enhancing system uptime and support efficiency.Completed Pega Certified System Architect (CSA) certification with practical experience in designing case lifecycles, modeling complex data structures, and building user interfaces within the Pega platform.	March 2023 - July 2023
Software Developer , ThoughtWorks, India <ul style="list-style-type: none">Developed a scalable e-commerce platform using React, Java, and Spring Boot, processing 10K+ transactions.Rolled out AI-based product recommendations, improving customer engagement by 20%.Built and tested Kafka-based messaging systems on Kubernetes, implementing unit, integration, and contract tests to improve reliability and reduce downtime by 25%.Followed TDD and Agile methodologies to cut post-deployment bugs by 20%.	May 2022 - February 2023
Developer Intern , Blockchain USA LLC, USA(Remote) <ul style="list-style-type: none">Built a decentralized identity web app using Verity SDK and Node.js with support for SSI, VCs, and DIDs.Enabled seamless digital credential verification with 100% accuracy across Issuer/Verifier flows.Deployed to Azure using Docker and Ngrok, cutting deployment time by 60% through containerization.	April 2021 - April 2022

TECHNICAL SKILLS

Languages : Java, JavaScript, TypeScript, Python, C#, C++ , Go
Web & Frameworks : React.js, Node.js, Next.js, Spring Boot, HTML/CSS, Tailwind CSS, GraphQL, REST APIs
Databases : SQL, PostgreSQL, MongoDB, DynamoDB
DevOps & Cloud : AWS, Azure, Docker, Kubernetes, Git, CI/CD, Power BI
Data & Machine Learning : Pandas, NumPy, Scikit-learn, XGBoost, SMOTE, Matplotlib
Testing & Practices: Unit Testing, Integration Testing, Contract Testing, TDD, Agile, API Design

PROJECTS

ProfGuide <i>React.js, TailwindCSS, Next.js, SQL, AWS</i> <ul style="list-style-type: none">Launched a university-specific review platform with 300+ verified course and professor ratings.Implemented a verified rating system allowing only students who completed a course to submit reviews by integrating user authentication and course completion validation.
Customer Churn Prediction System <i>Python, Scikit-learn, XGBoost, pandas, NumPy, SMOTE, Matplotlib</i> <ul style="list-style-type: none">Preprocessed and engineered features from raw telecom data to train a high-performing churn model.Achieved 74% accuracy using XGBoost; evaluated results with classification reports and confusion matrix.
DocInsight <i>React.js, Node.js, MongoDB, PowerBI</i> <ul style="list-style-type: none">Created a data-driven healthcare platform that aggregated detailed profiles, patient reviews, and surgical outcomes for medical professionals. Built intuitive dashboards and streamlined search, reducing doctor lookup time by 30%.

CERTIFICATIONS

AWS Certified Developer-Associate AWS	March 2025
Certified Pega System Architect Pega	April 2023