

Navya Sree Arugonda

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SUMMARY

Results-driven Full Stack Developer with **2+ years** of experience in Java, React.js, Node.js, and Spring Boot, building scalable applications and RESTful APIs. I've worked on projects that improve user experience and system efficiency, focusing on creating intuitive and reliable solutions. Passionate about technology and problem-solving, I enjoy tackling challenges and building impactful software.

EDUCATION

Master of Science in Computer Science Aug 2023 - May 2025
University of South Florida, Tampa, FL | CumulativeGPA: 3.87/4.0
Bachelor of Technology in Computer Science and Engineering Aug 2018 - July 2022
JNTUH College of Engineering, Telangana, India | CumulativeGPA: 8.16/10.0

EXPERIENCE

Full Stack Developer Intern, Site Service Software, Inc., Pennsylvania Sept 2024 - Dec 2024

- Built dynamic front-end features using React.js and Tailwind CSS, improving user engagement by 30%.
- Developed RESTful APIs with Spring Boot and integrated SQL databases for backend functionality.
- Designed an interactive Power BI dashboard for data visualization and trend analysis.

Associate Engineer, Pegasystems, India Mar 2023 - July 2023

- Assisted the clients whenever they encountered technical issues related to Pega.
- Trained for Pega Certified System Architect(CSA) which covered the understanding the Pega products and the technical environment in which they run.

Application Developer, Thoughtworks, India Aug 2022 - Feb 2023

- Developed an e-commerce platform for selling water purifiers and vacuum cleaners using React.js, Java, and Spring Boot, handling over 10,000 transactions.
- Implemented performance, integration, and contract testing for Kafka-based messaging systems, enhancing system reliability and scalability, reducing downtime by 25%.

Developer Intern, Blockchain USA LLC, USA April 2021 - April 2022

- Implemented Self-Sovereign Identity (SSI) using web technologies, enabling secure and decentralized identity management.
- Developed Issuer and Verifier components with encrypted connections to ensure data integrity and privacy.
- Utilized Docker, JSON formats, and Azure to integrate blockchain technology for enhanced security and transparency.

SKILLS

Languages: Java, Python, C, C++, JavaScript, Ruby, Rust
Databases : SQL, MongoDB, PostgreSQL
Web Technologies: React.js, Node.js, TailwindCSS, HTML, CSS
Cloud & DevOps: AWS, Docker, Kubernetes
Tools and Frameworks: SpringBoot, Next.js, Kafka, VSCode, Git, JSON, Pega, MicrosoftOffice, Power BI

PROJECTS

ProfGuide Sept 2024 - Nov 2024

- Launched a university-specific course and professor rating portal, collecting 300+ verified reviews to improve course selection decisions. Implemented a verified rating system that ensures only students who have completed a course can submit reviews by integrating user authentication and course completion validation, enhancing the credibility and accuracy of feedback. **Technologies utilized:** React.js, Next.js, Tailwind CSS, SQL and AWS

DocInsight Mar 2024 - April 2024

- Developed DocInsight, a comprehensive healthcare platform to aggregate detailed data on doctors' backgrounds, patient reviews and surgical outcomes. Implemented user-friendly interfaces and data visualization tools, reducing the time spent searching for doctor information by 30%. **Technologies utilized:** React.js, Node.js, MongoDB, PowerBI

CERTIFICATIONS

AWS Certified Developer-Associate | AWS March 2025
Certified Pega System Architect | Pega April 2023
Google Hash Code | Google May 2021
Certified with Elite + Silver in Data Science for Engineers | NPTEL Jan 2021