

EDUCATION

Campbellsville University Master of Science in Computer Science; GPA: 3.6 Coursework: Cyber Security, Artificial Intelligence, Advanced database, Advanced Operating Systems, Advanced Programming Languages, Software engineering, Advanced Topics in Computer Networking and Cyberlaw, Regulations, & Compliance	Louisville, KY Aug 2022 - May 2024
Jawaharlal Nehru Technological University, Hyderabad Bachelor of Technology in Computer Science and Engineering; CGPA: 6.56/10.0 Coursework: Computer Programming in C, Data Structures through C++, Java, Web Technologies, Design patterns, Cloud Computing, Cryptography and Network Security, Data Mining, Design and Analysis of Algorithms, Database Management Systems, Computer Organization, Operating Systems, Python, Software Engineering and Advanced Software Engineering, Software Process and Project Management	Hyderabad, India Aug 2017 - May 2021

TECHNICAL SKILLS

- **Frontend Technologies:** React.js, Redux, JavaScript, TypeScript, HTML5, CSS3, Bootstrap, Material-UI
- **UI/UX Development:** Figma, Responsive Design, Web Accessibility (WCAG), Component-Based Architecture
- **Performance Optimization:** Lazy Loading, Code Splitting, SEO, Page Speed Optimization
- **Testing Frameworks:** JUnit, Mockito, Cypress, Jest, Enzyme
- **Build & Deployment Tools:** Webpack, Babel, Vite, CI/CD (Jenkins, GitLab CI)
- **Backend Knowledge:** Node.js, Express.js, REST APIs, Spring Boot, Firebase
- **Cloud & DevOps Tools:** AWS, Docker, Kubernetes, Jenkins, GitLab CI, Terraform
- **Databases:** MongoDB, DynamoDB, MySQL, NoSQL
- **Version Control & Collaboration:** Git, GitHub, Agile/Scrum
- **Other Skills:** Kafka
- **Certifications:** [Azure Fundamentals \(AZ900\)](#), [Azure Developer Associate \(AZ204\)](#)

WORK EXPERIENCE

Software Developer, Federal Soft Systems – USA <ul style="list-style-type: none">◦ Developed responsive React.js applications with reusable components and dynamic UI/UX.◦ Designed and implemented RESTful Java services with Spring Boot, ensuring high availability and scalability.◦ Implemented Redux state management, improving application maintainability and scalability.◦ Improved application performance by reducing page load from 5sec to 2sec through lazy loading, code-splitting, and optimized database queries.◦ Designed and integrated interactive UI elements using Material-UI and Bootstrap.◦ Automated testing using JUnit, Mockito, and Cypress for comprehensive coverage.◦ Deployed frontend applications using AWS (S3, CloudFront, Lambda).◦ Ensured ADA compliance following WCAG 2.2 standards, enhancing accessibility.◦ Technologies Used: React.js, Redux, JavaScript, TypeScript, HTML5, CSS3, Bootstrap, Node.js, AWS (EC2, Lambda, DynamoDB), GraphQL, Jest, Cypress, JUnit, Spring Boot, Jenkins, Mockito, Bootstrap, Material UI	Aug 2024 - Present
Software Developer, Creative Soft Technologies – India <ul style="list-style-type: none">◦ Built and maintained React.js SPAs, ensuring fast, interactive user experiences.◦ Developed and maintained microservices-based backend systems using Spring Boot and Node.js.◦ Streamlined state management in React.js applications using Redux Saga.◦ Automated testing with Jest, Cypress, and Enzyme, improving code reliability◦ Created CI/CD pipelines using Jenkins, reducing deployment times by 30%.◦ Integrated Kafka for real-time data streaming, improving system performance and reliability.◦ Enhanced UI accessibility and responsiveness, achieving 100% Lighthouse scores.◦ Conducted load testing with JMeter, identifying and resolving bottlenecks effectively.◦ Technologies Used: React.js, Redux, Redux Saga, JavaScript, Node.js, Spring Boot, HTML5, CSS3, MongoDB, Azure, Enzyme, Cypress, Kafka, JMeter, Jest, Next.js	Mar 2020 - May 2022

ACADEMIC PROJECTS

- **E-Commerce Website:** Developed a responsive and scalable e-commerce web application with features like product listing, cart management, and secure checkout. Enhanced user experience with optimized UI and cross-browser compatibility.
Technologies Used: React.js, Redux, Node.js, HTML5, CSS3, Bootstrap, MySQL, AWS (Aug - Dec 2022).
- **Employee Attrition and Job Performance Prediction:** Designed a comprehensive data science pipeline to predict employee attrition and evaluate job performance using AI models. Integrated data preprocessing, feature engineering, and predictive modeling for actionable insights.
Technologies Used: Python, Pandas, NumPy, Scikit-learn, TensorFlow, Matplotlib, Seaborn, SQL (Jan - May 2019).
- **Moving Object Detection:** Developed a system to detect and track moving objects in real-time video streams with 90% accuracy, enabling enhanced video analysis.
Technologies Used: Python, OpenCV, YOLO, Convolutional Neural Networks (CNNs) (Aug - Dec 2019).
- **Attendance with Face Recognition:** An automated system to track attendance efficiently by detecting and recognizing faces in real-time. Improved tracking efficiency by 50% and reduced manual intervention.
Technologies Used: Python, OpenCV, Dlib, NumPy, Pandas, MySQL, PyTorch (Aug - Dec 2018).

EXTRA CURRICULAR ACTIVITIES

- **Vice President** of CU Web Technologies Club.
- **President** of Undergraduate Cultural club at Mahaveer Institute of Science and Technology (JNTUH)
- **Department Brand Ambassador** for Merit Labs, that conducts Web Technologies Workshop throughout India.