

S Chandru

Application Development Engineer

Languages

Language	Read	Speak	Write
English	High	High	High
Tamil	Native	Native	Native

Location

Bengaluru

Willingness to Travel

Yes

Key Skills and Knowledge

Programming Languages & Tools

Java, C, C++, C#.NET, Maven
Spring Boot, J2EE, MSF4J
HTML, CSS, JavaScript
PHP, Bootstrap, ReactJS
Windows batch, PowerShell
TIP, JPA, JCA, CORBA, OpenDTP
SQL Server, RDMS, MongoDB
Git, Bitbucket, Jenkins, SonarQube
Nexus, JBoss, Docker, Kubernetes
Eclipse, Visual Studio, Idea IntelliJ
Postman, JIRA

Hardware

Unisys OS2200/Dorado

Operating Systems

Windows 10/11
Windows Server 2019/2022
OS2200
Linux

Professional Summary

Chandru is a developer with 2.8 years of experience in distributed application development, microservices, middleware, DevSecOps, front-end development and building application architecture designs. He is recognized for his ability to effectively manage multiple tasks, deliver high-quality results under pressure, and excel in development, testing, and mentoring junior team members. Chandru has a proven track record in microservices development and mainframe application modernization, receiving recognition from senior management, project stakeholders, peers, and customers for his significant contributions. He is proficient in Agile approaches and has experience working on various projects of all sizes, from small change initiatives to major integration projects, demonstrating his versatility and adaptability in the field.

Professional Experience

Employment History - Unisys

ClearPath OS 2200 Middleware – India – Engineer - Jan 2024 – Now

ECS Solution Development

- Expertise in developing application using Spring Boot, Java2EE and Relational Databases
- Proficient in build tools such as Ant, Maven, and MS build
- Developed a new design for OpenDTP Admin Console which is a UI and Microservices based new feature to the OS 2200 Transaction Manager
- Implemented REST API authentication using JWT for OpenDTP Microservices
- Added support for user session management in OpenDTP Microservices and fixed multiple bugs
- Ability to develop REST API unit test cases using Postman or Python
- Redesigned the UI with latest Unisys rebranding guidelines and delivered to the customer
- Worked in a Java based Resource Adapter called DTPRA to implement UI and backed changes to support IPv6
- Migrated SHA1 hashing algorithm in DTPRA to SHA256 for added security
- Integrated Narayana Transaction Manager to support Non-Managed Transaction for DTPRA
- Proficient in containerization and deploying containerized application in Kubernetes
- Proficient in Java based application servers such as JBoss and IBM WebSphere
- Served as a scrum master during the absence of the designated scrum master, and ran daily standup meetings, sprint retrospective and sprint demos.
- Proven record of delivering work items on time and working independently
- Ability to quickly learn and develop features requested by the customer.

ClearPath OS 2200 Middleware – India – Associate Engineer - Aug 2021 – Dec 2023

ECS Solution Development

- Worked on a new product development Web-Support (HTTP Client for OS 2200) as per a request from customer (IRS – Internal Revenue Service)
- Developed the product based on the HTTP 1.1 standards and adding support for various HTTP methods such as GET, POST, PUT, PATCH, DELETE etc.,
- Developed REST API Unit-Tests using Spring Boot to test APIs, Authentication and SSL/TLS for Web-Support
- Proficient in using tools such as Git, JIRA, and Jenkins to manage code repositories, track issues, and automate builds and deployments.
- Worked on DevSecOps project from scratch to automate Build, Test and Deployment for OS 2200 Core and Windows based products
- Automated end-to-end OS 2200 Windows Applications (Java, .NET) build process using Jenkins
- Created multiple utility scripts in PowerShell, Python and Windows batch to automate Development, Testing and Deployment
- Demonstrated active participation in mentoring MSRIT students as part of the Campus Connect Program.
- Guided students in the delivery of a Research PoC focusing on Quantum Annealing-Based Machine Learning for Anomaly Detection in Cybersecurity Data.
- Lead the OS 2200 Knowledge Management Sessions team to deliver KM Sessions to the team, so far completed more the 40+ sessions in the last two years
- Lead the OS 2200 KM sub-initiative called TD&C (Topic Discovery and Curation) which involves reducing knowledge silos taking advantage of AI Capabilities.
- Developing effective KM Best Practices and ensure momentum in KM along with KM Core Team
- Creating course contents for products owned to publish on Percipio
- Creating and Maintaining OS 2200 KM SharePoint page

Education

- **Bachelor of Technology (B.Tech) in Information Technology**
Sri Manakula Vinayagar Engineering College (2017-2021) | CGPA : 8.04

Professional Certification

- Q101 – DWave Certified Quantum Developer
- Microsoft Certified: Azure Fundamentals
- Thinknyx Certified – DevOps Associate

Professional Development.

- Problem Solving & Decision Making
- Leadership Behaviors
- Influencing in a Technical Environment
- Time Management

Achievements

- Featured in Unisys India All Hands for Exemplifying Winning Culture – Experiment and Take Ownership
- Featured in OS 2200 SD All Hands for the highest receiver of highest shine awards with 20 in 2023
- Multiple Appreciations from Peers and ECS ELT (Sanjay Pandit, Ken Henry and Chris Arrasmith) for showcasing innovation in the Quantum Computing PoC
- Winner Tresata Hack BLR 2023
- Winner ECS SD LEAP 2023
- Runner Up in the Unisys Cloud 2020 Y11 Technical Project contest
- Winner of Smart India Hackathon 2019 Hardware Edition

Open-Source Projects

- Social Media Analytics
- LiDVR
- Secured Finger
- E-Pill