Yasvantha Sai Atmuri

yasvanthasai@gmail.com | 216-972-1450 | LinkedIn | GitHub | Portfolio | Ready to Relocate

EDUCATION

Master's in Information Systems, Cleveland State University | Cleveland, Ohio | **GPA: 3.89** **Aug 2023 - May 2025**

Bachelor's in Electronics and Communications, Amrita University | Coimbatore, India **July 2017 - May 2021**

SKILLS

Technical Skills: Java, Python, C#, Oracle SQL, HTML, CSS, JavaScript, React JS, Next JS, Firebase, jQuery, Spring Boot, AWS Cloud

Analytical Skills: Data cleaning, preparation, and visualization; extracting insights and identifying trends from complex datasets

Tools: CI/CD, Unit Testing, Object-Oriented Programming, Agile Methodologies, SonarQube, Git, Jenkins, One Jira, Postman, Swagger

Microsoft Tools: Word, Excel, PowerPoint, Teams, Outlook, Visual Studio IDE, Microsoft Project

PROFESSIONAL EXPERIENCE

Paws AI **Columbus, Ohio, USA**
Software Developer Intern **May 2024 – Oct 2024**

- Developed a dynamic, responsive front end using Next.js and managed deployment with Vercel for optimized performance.
- Configured authentication systems and payment gateway, and built 5 custom APIs in Google Firebase for real-time data handling.
- Managed backend APIs and databases in Firebase, ensuring secure, scalable, and efficient data operations.

Tata Consultancy Services **Hyderabad, India**
Software Developer **July 2021 – July 2023**

- Automated database operations, developed CRUD operations, triggers, procedures.
- Launched several Spring RESTful APIs, collaborating with stakeholders of Verizon to optimize data exchange operations.
- Developed clear documentation for microservices workflow, enhancing team efficiency and reducing inquiries by 25%.
- Implemented TDD with JUnit and Mockito, improving code coverage by 30% and reducing complexity by 35% using SonarQube.
- Deployed and managed Java-based microservices on AWS (EC2, RDS, S3), improving scalability, reliability, and performance.
- Ensured system stability through rigorous UAT and production validations and deployments with 12+ major deployments.
- Redesigned web interfaces for three microservices and developed a new form using front-end technologies.

PROJECTS

AWS Cloud Infrastructure Project **Jan 2024 - Feb 2024**

- Configured AWS Cloud with 5+ subnets, 3+ VMs, 2 gateways for improved governance and efficiency.
- Managed 5+ IP addresses, launched 10+ instances, enhanced security with 15 users, 5 groups, 15+ policies.
- Deployed and hosted dynamic web pages on AWS EC2 instances, ensuring high availability and scalability.

Java Spring Boot Projects Source Code **Aug 2023 - Sep 2023**

- Designed and Implemented 3 Java Spring Boot CRUD operations, managing multiple database transactions.
- Automated email system via SMTP, handling emails weekly, boosting communication.
- Developed modules for data conversion to PDF/Excel, enhancing access.

Machine Learning Project for T20 Cricket Team Composition Publication **Dec 2020 - Apr 2021**

- Led Python machine learning project for T20 team optimization, analyzing data points with predictive algorithms.
- Contributed research on T20 team optimization to IJSRST journal, reaching 100+ readers.
- Boosted team selection efficiency via statistical and data visualization techniques, reaching up to 75% prediction accuracy.

CERTIFICATIONS

Certified Oracle Cloud Infrastructure Foundations Associate **Feb 2024**

Certified Oracle Cloud AI Foundations Associate **Apr 2024**

ACHIEVEMENTS AND HONORS

- Awarded the Monte Ahuja Business Scholarship for academic excellence ($6,000). **May 2024**
- Received a $1,000 grant from CSU for research collaboration with the National Institute of Health (NIH). **Feb 2024**
- Secured 1st place in Data Analytics Competition; received $1000 graduate scholarship. **Nov 2023**
- Achieved Star of the Month at Verizon, for outstanding code debugging and problem solving. **Feb 2023**
- Two-Time On-the-Spot Team Award, Verizon Management for excellence in successful deployment. **Nov 2022**
- Ranked in the top 2.5% among 100,000 in TCS CodeVita Hackathon, showcasing coding prowess. **Jun 2021**

LEADERSHIP EXPERIENCE

Graduate And Professional Student Association **Cleveland, Ohio, USA**
Vice President **Aug 2024 – May 2025**

- Awarded a $4,000 scholarship for contributions to student programs and initiatives.
- Organized professional events and networking sessions to enhance student engagement and skill development.
- Collaborated with faculty and administration to advocate for student needs and ensure seamless program execution.