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EDUCATION

Governors State University, University Park, IL, USA August 2023-present
Master's in Computer Science
Mahatma Gandhi Institute of Technology, Hyderabad, Telangana, India July 2018-Nov 2022
Bachelor of Technology in Computer Science

EXPERIENCE

Software Engineer Intern Jan 2023- Jul 2023
Claro Software Solutions
Hyderabad, Telangana, India

- Gained hands-on experience in full-stack development using React, Spring Boot, Spring MVC, SQL and Java Servlet API with a focus on building scalable and efficient web applications.
- Designed and implemented "Smart Commerce," a robust web application that integrated real-time product search functionality for customers and optimized inventory control workflows for managers through enhanced data management and process automation.

PROJECTS

Salon booking microservices based project

Developed a full-stack salon booking system using Spring Boot (backend), React (frontend), and MySQL, implementing JWT-based authentication, Keycloak for security, RabbitMQ for asynchronous communication, and WebSocket for real-time notifications, with Razorpay integration for secure payments and Docker for containerization and seamless deployment.

E-Donor - A Comprehensive Blood Donation and Matching Platform

Developed E-Donor, a next-generation web application using .NET MVC, jQuery, Bootstrap, MSSQL, and Elasticsearch, enabling real-time blood donor-recipient matching with advanced location-based search, real-time availability tracking, and hospital integration for efficient blood donation management.

Distributed Backend System (Similar to LinkedIn)

Developed a distributed backend system using Spring Boot microservices, Apache Kafka for

real-time streaming, Redis for caching, and Docker/Kubernetes for containerization and orchestration, ensuring high availability, scalability, and optimized performance.

Chicken Disease Classification using Deep Learning and MLOps

Developed and deployed a chicken disease classification model using TensorFlow, DVC for MLOps, and Flask for a REST API, enabling real-time image-based disease detection with model versioning and serialization via Joblib.

Medicine Reminder App

Developed a Full Stack Medicine Reminder App using React Native and TypeScript, integrating Async Storage for data persistence, push notifications for reminders, and a responsive UI for seamless cross-platform user experience.

Multi-vendor E-commerce project

Developed a multi-vendor e-commerce platform using Spring Boot for backend services, MySQL for database management, and JWT for secure user authentication, while implementing a responsive frontend with React, TypeScript, Redux, and MUI; integrated Razorpay and Stripe for payment processing, and added features like a chatbot, product management, order history, and seller dashboards, with full admin controls for user, coupon, and deal management.

Crypto trading platform

Developed a crypto trading platform using Spring Boot and React, featuring an AI chatbot for crypto queries, buy/sell functionality, portfolio management, wallet transfers, transaction history, two-factor authentication, and integrated with Gemini and CoinGecko APIs for real-time data and Razorpay/ Stripe for payments.

CERTIFICATIONS

AWS Certified Solutions Architect – Associate | Amazon Web Services (AWS)

Deep Learning for Computer Vision | NPTEL

Java Spring Boot: Professional eCommerce Project Masterclass | Udemy

Spring Boot Microservices with Spring Cloud, k8s & Docker | Udemy

Spring Security 6 with ReactJS, OAuth2, JWT | Udemy

TECHNICAL SKILLS

Languages: Java, C#, Python, SQL, JavaScript, TypeScript, HTML, CSS, C/C++

Frameworks & Libraries: Spring Boot, .NET MVC, React, React Native, TensorFlow, Flask

Developer Tools: Git, Docker, Kubernetes, AWS Elastic Beanstalk, Jenkins, Terraform, Ansible, VS Code, IntelliJ, Visual Studio, Joblib

Databases: MySQL, MSSQL, MongoDB, Redis, PostgreSQL

Search & Messaging: Elasticsearch, RabbitMQ, Apache Kafka

Security & Authentication: JWT, Keycloak, Spring Security, Two-Factor Authentication (2FA), OAuth2

Data Science & ML: Pandas, NumPy, Seaborn, SciPy, DVC (Data Version Control), Deep Learning, MLOps, Model Serialization

Cloud & Infrastructure: AWS, Kubernetes, Docker, Terraform, CI/CD Pipelines

Others: Microservices Architecture, Distributed Systems, Event-Driven Systems,

WebSockets, OpenAPI, Swagger, Razorpay & Stripe Payment Integration

Coding Achievements: Solved 200+ LeetCode problems