

Amarendhar Reddy Chevula

214-714-7903 | Dallas, TX | [Gmail](#) | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)



Summary

- Dedicated software developer with a strong passion for crafting elegant and efficient software solutions.
- With 3+ years of experience in the field, I have honed my expertise in full-stack development, specializing in Angular for the front-end and Spring Boot for the back-end, with proficiency in Microsoft SQL Server for database management.
- Expertise in NoSQL databases like Amazon DynamoDB, as well as MS SQL, MySQL, and MongoDB.
- Driven by a deep interest in technology, I have consistently demonstrated the ability to enhance existing modules, design and implement new features, and optimize system performance.
- Knowledge and experience working in Agile environments including the scrum process and used Project Management tools like Jira and version control tools like GitHub/Git.
- Demonstrated expertise in deploying CI/CD pipelines for source code Build, Compile, Test, Release, and Deploy using Jenkins and Azure DevOps.

Skills Summary

- **Programming languages:** Java, Python, C#, Php, JavaScript, Typescript, HTML, CSS
- **Frameworks:** Angular, React, Vuejs, jQuery, Spring Boot, Node.js, Django
- **Databases:** MySQL, MS SQL, Oracle, MongoDB
- **Cloud:** AWS, Azure
- **Tools and Software:** Junit, Git, npm, Maven, Postman, Docker, Kubernetes

Work Experience

Capgemini Technology Services | Software Engineer

11/2018 – 11/2021

- Spearheaded the development of cutting-edge web applications tailored to meet the needs of the client's workforce, resulting in a 40% increase in employee productivity and a 25% reduction in operational costs.
- Leveraged Angular to architect robust and user-friendly front-end interfaces, leading to a 35% improvement in user satisfaction, and Spring Boot to engineer back-end systems, resulting in 25% increase in system scalability.
- Drove innovation by designing and implementing new modules, substantially enhancing existing features, and rigorously testing and deploying solutions.
- Demonstrated a strong command of database management by crafting and optimizing multiple intricate stored procedures within Microsoft SQL Server, achieving 20% improvement in data retrieval speed and application performance.
- Worked with Jenkins to implement and deploy automated pipelines as part of our DevOps (CI/CD) strategy, resulting in a 15% reduction in deployment time.
- Championed Agile methodologies and actively participated in bi-weekly sprints, ensuring seamless collaboration within cross-functional teams, and delivering high-quality software solutions in a timely manner.

Academic Experience

Blog App

- Developed a full stack blog application, utilizing Django for backend logic and API endpoints, and Node.js for handling real-time features and asynchronous tasks.
- Designed and implemented the database schema using PostgreSQL.
- Utilized Django templates and integrated Node.js for dynamic frontend components, creating a smooth and interactive UI.
- Designed and implemented RESTful APIs using Django Rest Framework.

Employee Management System

- Developed a comprehensive Employee Management System using PHP, consisting of distinct modules for employees, HR personnel, and administrators.
- Employee Module: Created an intuitive and user-friendly interface enabling employees to manage their projects, submit leave requests, and access personalized information.
- HR Module: Implemented an HR-specific dashboard that streamlined the management of employee records, leaves, and performance evaluations. This module enhanced HR's efficiency in handling personnel-related tasks.
- Admin Module: Designed a robust administrative portal for system administrators, providing centralized control over user access, security settings, and system configuration.
- This project showcased my proficiency in web development, PHP programming, and database management, specifically using SQL Server.

Education

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| • University of North Texas | Denton, TX |
| Masters in computer science GPA – 3.8 | 01/2022 – 12/2023 |
| • Jawaharlal Nehru Technological University | Hyderabad, India |
| Bachelors in computer science GPA – 3.7 | 08/2015 – 05/2019 |

Certifications

- Certified AWS Developer - Associate.
- Building Scalable Java Microservices with Spring Boot and Spring Cloud, by Coursera.

Research Publications

- Co-Author for a research paper entitled “MOVIEREC – A Case Study on Movie Based Recommender”, published in IJERCSE Journal, Volume 5, Issue 4, April 2018.