

Shaktha Shetty

Enthusiastic engineering graduate with a strong foundation in software development and backend systems.

✉ shakthashetty274@gmail.com

☎ 7795022704

📍 Bengaluru

🌐 shakthashetty02704

WORK EXPERIENCE

Aurigo Software Technologies

Software Engineer

February 2024 - December 2024

- Developed and maintained backend components using **Java and Spring Boot**, contributing to the implementation and maintenance of project and budget-related modules.
- Fixed **regression issues and API bugs**, ensuring stability and correctness of backend services across releases.
- Worked on the **creation and enhancement of the Project module**, and later contributed to the **Budget module**, handling various budget-related dependencies and integrations.
- Collaborated with backend developers and product engineers to analyze requirements, debug issues, and improve overall backend functionality.
- Participated in **code reviews, debugging, and troubleshooting**, ensuring adherence to coding standards and maintainable backend design.
- Contributed to **CI/CD workflows and release cycles**, supporting smooth deployment of backend updates in an Agile development environment.

EDUCATION

PES University

Bachelor of Technology - 7.46

November 2020 - December 2024

- Majors in Electronics and Communication Engineering
- Minors in Computer Science and Engineering

PROJECTS

Detection and Classification of Brain Tumor Using MRI Data [🔗](#)

August 2023 - March 2024

- Built scalable preprocessing pipelines for MRI data using transform-based denoising techniques, achieving a structural similarity (SSIM) of 99.9%
- Applied algorithmic problem-solving to enhance data quality, resulting in 99% classification accuracy in downstream tumor detection.
- Debugged and optimized preprocessing components to meet performance and reliability requirements across large MRI datasets.
- Collaborated on research and technical documentation, demonstrating strong technical communication and cross-functional teamwork.
- Published research paper titled "Detection and Classification of Brain Tumor Using MRI Data", detailing scalable preprocessing pipelines, transform-based denoising techniques, and high-accuracy classification results (99.9% SSIM, 99% accuracy)

Stock Market Analysis in C

- Designed and implemented a modular C program to process dynamic input and perform basic stock market analysis.
- Applied core C programming concepts including arrays, pointers, and string manipulation for efficient data handling.
- Debugged and validated calculation logic to ensure correctness and reliability of analytical results.
- Structured and documented code to enhance readability, maintainability, and future extensibility.

SKILLS

- Languages: C++, Java
- Tools & Frameworks: Spring Boot, Git, Postman, Maven, Docker, TestNG, Selenium
- Platforms: Windows, Azure DevOps, CI/CD workflows
- Other Skills: Data Structures & Algorithms, REST API, SQL, OOP, Debugging & Test Automation