

Meghana K

Karkala, Udupi, Karnataka, 574104, India

+919482751482 | meghanamgnak@gmail.com | [Linkedin](#) | [Portfolio](#)

PROFILE

MCA graduate with hands-on experience in Java, Spring Boot, and SQL, with strong knowledge of SDLC, STLC, and Agile. Eager to learn clinical domain processes, contribute to building studies, and deliver high-quality systems while collaborating with cross-functional teams.

PROJECTS

CampusDesk – Enterprise Resource Planning System Jan 2025 – Jul 2025

- Developed and maintained scalable microservices using Spring Boot, REST APIs, and Docker, ensuring adherence to SOLID principles and secure coding practices.
- Contributed to unit testing, integration testing, and API testing to ensure reliability and performance.
- Technologies:** Spring Boot, Microservices, Java, REST APIs, Junit, Postman, Apache Kafka

Expense Tracker Application Dec 2024

- Added admin tools for user, category, and transaction management with scalable search, filter, and pagination.
- Implemented secure authentication with JWT and email verification, ensuring account safety with time-bound codes.
- Integrated REST APIs for seamless frontend-backend communication, including recurring transactions and profile uploads.
- Technologies:** React.js, Spring Boot, MySQL

Speech Emotion Recognition Using Deep Learning Algorithms, NMAMIT,Nitte Sep 2024 – Nov 2024

- Trained CNN models (DenseNet, ResNet, Inception) on RAVDESS dataset for emotion classification.
- Achieved 89% accuracy using preprocessed MFCC audio features.
- Technologies:** Python, Deep Learning, Machine Learning, Google Colab, Kaggle, TensorFlow, Scikit-learn, GitHub

INTERNSHIP EXPERIENCE

Intern Jan 2025 – Jul 2025

Avarthan Innovations LLP | Mangalore, India

- Engineered scalable backend microservices using Spring Boot, REST APIs, and SQL for ERP platforms, aligning with client requirements and SDLC processes.
- Collaborated with a team in Agile sprints to prepare documentation, conduct unit/integration/API testing with JUnit and Postman, and troubleshoot issues for optimal performance.
- Contributed to process improvements, ensuring timely delivery of quality work products and adherence to productivity levels.

SKILLS & INTERESTS

- Technical Skills:** Java, Python, JavaScript, React.js, HTML, CSS, Spring Boot, RESTful API, Mysql, UI/UX design, Computer Networking, Android Development, API Testing, System Level Test, Git (Version Control System), Postman Software
- Key Skills:** Software Documentation, Object-Oriented Programming, Data Structures, Agile SDLC Methodology, Code optimization, Cross-Platform Knowledge, Debugging, Troubleshooting
- Soft Skills:** Continuous Learning, Collaboration, Team Spirit, Analytical Thinking, Verbal & Written Communication, Adaptability
- Languages:** English, Kannada

EDUCATION

Master's, Computer Application | NMAM Institute of Technology, Nitte | (GPA: 8.68) Sep 2023 – Jun 2025

Bachelor's degree, Computer Application | St. Philomena College, Puttur | (GPA: 8.92) Oct 2020 – Jul 2023

PUC | Nehru Memorial Pre-University College, Sullia, DK | (GPA: 88.16%) Jul 2020

SSLC | Vivekananda English Medium High School, Sullia, DK | (GPA: 77.44%) Apr 2018

EXTRA-CURRICULAR & CERTIFICATIONS

Software Engineering Job Simulation, Forage Sep 2025

AWS Cloud Practitioner Essentials, AWS Skill Builder (on going) Sep 2025

Google Cybersecurity(Specialized Course), Google Dec 2024

React Basics, Coursera – Meta Nov 2024

Prompt Design in Vertex AI Skill Badge, Google Cloud Oct 2024

Google AI Essentials, Coursera Jul 2024

Master Course : Generative AI for Business Leaders (101), Udemy Feb 2024