# DEEPIKA

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## SUMMARY

Detail-oriented Computer Science & Engineering graduate with industry experience in Java, SQL, PHP, and software testing. Skilled in client communication and delivering reliable, scalable solutions. Possesses practical exposure to Linux-based VPS environments, domain management, and SSL configuration. Proficient in GitHub and effective in team-based development.

## EDUCATION

| | | |
|---|---|---|
| **B.E - Computer Science & Engineering**<br>*Mangalore Institute of Technology & Engineering* | 2020 - 2024 | CGPA:9.33 |
| **Senior Secondary (12th)**<br>*St. Joseph's pre university college, Bajpe* | 2019 - 2020 | Percentage:87.33 |
| **Secondary School (SSLC)**<br>*Mukthi Prakash High School, Neerude* | 2017 - 2018 | Percentage:93.12 |

## SKILLS

| | |
|---|---|
| **Languages** | :  C, Java, PHP |
| **Database** | :  MySQL, SQL,Oracle PL/SQL |
| **Web / Frontend** | : HTML, CSS, JavaScript, JSP |
| **Tools** | : Eclipse IDE, SQL Developer, Oracle PL/SQL Developer, iReport, Power BI |
| **Application Server** | : JBoss EAP 7.3 |
| **Server / Hosting** | : Linux VPS (Hostinger KVM8, Oracle VPS) |
| **Networking / DevOps** | : PuTTY, SSL, Domain Management |
| **Frameworks** | : Struts (Basics) |

## COURSES

- Completed a  8 weeks course on **Java Programming Fundamentals** which was mentored by Infosys Springboard, 2022
- Completed a 4 weeks course on  **Web Design for Everybody** which was mentored by Coursera, 2022

## INTERNSHIP

**A1 LOGICS**                                                              **Aug - Sep 2023**

Methodology: Software Development Life Cycle Using C#
A1 Logics is a Technology Organization providing solutions for all web design and development, Software and Application development solutions for diverse industry verticals.

**Salesforce Developer Virtual Internship, by Smart Internz**        **Apr - Jun 2023**

Technologies: Salesforce Fundamentals, Organization Setup, Relation & Process Automation, Types of Flows & Security, Apex (Basics), VS Code Setup, Lightning Web Components (LWC) & API(Basics)

## EXPERIENCE

**Abhimo Technologies Private Limited    Jan 2025 - Present**
**1. Fixed Assets Management System** – Web Application

- Managed asset purchases, transfers, disposal, and depreciation.
- Customized and developed functionalities using Java and Oracle PL/SQL (stored procedures and functions).
- Implemented SQL queries for efficient data extraction and analysis.
- Collaborated with clients for requirements gathering and provided technical solutions.
- Gained hands-on experience with cloud server deployment, maintenance, and debugging workflows.

## 2. Incident Reporting System – Web Application

- Developed using PHP, enabling users to scan QR codes, submit incident reports, and receive email alerts.
- Configured server deployment and GitHub version control for smooth project management.
- Ensured proper database integration and workflow automation.

## ACHIEVEMENT

- Participated in **Coding Challenge** held by Techgig and achieved rank 841 in C Programming during March 2021
- Participated in **Codekaze** conducted by Coding Ninjas during June 2023
- The project **"Breast Tumor Segmentation and Classification Using Ultrasound Images"** was selected and funded by the **Karnataka State Council for Science and Technology (KSCST)** for its innovative approach in medical imaging.

## PROJECTS

### Breast Tumor Segmentation and Classification | Group of 4     Sep - Apr 2024
*Technologies*: *Image Processing, Artificial Intelligence,Python*

- Developed a deep learning-based system for precise and accurate segmentation of breast tumors using the U-Net architecture.
- Preprocessed medical imaging data and applied image enhancement techniques to improve segmentation performance.
- Built a robust classification model to differentiate between benign and malignant tumors using features extracted from segmented regions.
- Improved diagnostic support by automating tumor detection and classification, aiding in early and accurate breast cancer identification.
- Utilized libraries such as TensorFlow/Keras, OpenCV, and NumPy to implement and evaluate the models.

### Fuel Delivery App | Group of 2     May – July 2023
*Technologies: XML, Java, Firebase*

- Built a user-friendly fuel delivery app that provides on-demand doorstep fuel service, enabling customers to place and track orders with ease.
- Structured the system into three modules: Users can browse fuel types, place orders, and make payments; Fuel Stations manage inventory and listings; Admin oversees platform activity.
- Integrated location-based features to help users find nearby fuel stations and monitor delivery status in real time, improving service accessibility and reliability.

### Employee Management System     Nov 2022-Jan 2023
*Technologies: SQL, Php, Html, CSS, Javascript, Visual Studio, Xampp*

- Developed a web-based Employee Management System that provides secure, password-protected user access for employees to manage leaves, track assigned projects, and view their work details from any location with internet access.
- Implemented core modules such as online leave management, project assignment and tracking, and employee activity monitoring, enabling streamlined communication between employers and employees.
- Centralized employee records using a database backend, allowing administrators to efficiently manage staff information, assign tasks, evaluate performance, and maintain organizational structure with ease.