

# DINESH S

## SOFTWARE DEVELOPER

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Chennai, India

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## Professional Summary

Motivated and detail-oriented Computer Science graduate with hands-on experience in Java, SQL, and full-stack development through academic projects and internships. Strong in Core Java, OOPs, and database management, with practical exposure to building real-world applications such as e-commerce websites, chatbots, and deepfake detection systems. Seeking to contribute as a Java Developer by building scalable applications and supporting team-driven development.

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### SOFT SKILLS

- Communication
- Adaptability & Teamwork
- Problem-Solving
- Attention to Detail
- Quick Learner

### TECHNICAL SKILLS

- **Programming Languages:** Java, Python.
- **Web Technologies:** HTML, CSS, JavaScript.
- **Database:** MySQL.
- **Concepts:** OOPs, Data Structures & Algorithms, DBMS, Operating System basics.
- **Tools & Technologies:** VS Code, Eclipse, Git & GitHub, Postman.

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## Internship

### Web Development Intern

| 06/2023 - 07/2023

Up2Datez Solutions, Kumbakonam

- Developed a fully responsive calculator application using HTML, CSS, and JavaScript, improving UI responsiveness and user interaction.
  - Implemented structured layouts, styling, and event handling to strengthen front-end development skills.
  - Collaborated with developers to convert client requirements into functional features within deadlines.
  - Enhanced code performance by debugging UI issues and optimizing overall responsiveness.
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## Education

### B.E COMPUTER SCIENCE AND ENGINEERING

SRM Valliammai Engineering College, Chennai, Tamil Nadu – 8.2 CGPA | 11/2021 - 05/2025

### HSC

Maxwell Matric Hr Sec School, Thanjavur, Tamil Nadu – 90.2% | 06/2020 - 05/2021

### SSCL

Maxwell Matric School, Thanjavur, Tamil Nadu – 85% | 06/2018 - 05/2019

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## Courses

**Full Stack Development** | 06/2025 - 10/2025

Softlogic Systems, Chennai, Tamilnadu

- Collaborated with cross-functional teams to design and deploy scalable web solutions during full-stack development training.
  - Strengthened both front-end and back-end development skills by building dynamic web applications in real-world project scenarios.
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## Projects

### E-Commerce Website

- Designed and developed a fully responsive e-commerce website with product listing, cart management, and checkout flow.
- Implemented JavaScript-based dynamic UI, reducing manual interactions by 30%.
- Created reusable components that improved UI consistency and reduced duplicate code by 20%.
- Optimized UI/UX for mobile responsiveness, enhancing user experience.

### Chatbot Using Python

- Built a Python-based chatbot using NLP techniques like tokenization, lemmatization, and intent classification.
- Improved response accuracy by 40% using a hybrid rule-based + ML approach.
- Designed conversation flows reducing invalid responses by 25%.
- Trained the model using dataset-driven inputs to enhance performance.

### Deepfake Detection Using Deep Learning

- Developed a deepfake detection system using VGG16, ResNet50, and LSTM with MFCC.
  - Processed and analyzed 1,000+ images and video frames for training and feature extraction.
  - Achieved improved detection accuracy by comparing performance across multiple pre-trained models.
  - Built an end-to-end pipeline including preprocessing, training, validation, and final prediction.
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