

Nirmal S

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EDUCATION

RMK ENGINEERING COLLEGE

B.E IN COMPUTER SCIENCE

Apr 2024 | CGPA : 8.98/10.0

VELAMMAL VIDYALAYA

HIGHER SECONDARY

May 2020 | Cum Per : 86.8%

OCF SCHOOL

SECONDARY EDUCATION

May 2018 | Cum Per : 72.6%

LINKS

LinkedIn:// [nirmal-s](#)

Github:// [NIRMAL-S-12](#)

Leetcode:// [Nim_12](#)

YouTube:// [a_code_by_nirmal](#)

COURSEWORK

UNDERGRADUATE

Data Structures and Algorithms

Database Management System

Object Oriented Programming

Artificial Intelligence

Machine Learning

Computer Networks

SKILLS

PROGRAMMING LANGUAGES :

• C • C++ • C# • Python

FRONT-END :

• HTML • CSS • Bootstrap • JavaScript • UI/UX

BACK-END :

• Java • JSP • Servlets • Restful APIs • MySQL

TESTING :

• Selenium (with SpecFlow) • NUnit

IDES AND TOOLS :

• Git • AnyDesk • Figma • Visual Studio • Canva

TECHNICAL EXPERTISE :

• SDLC • Cryptography Algorithms

SOFT SKILLS :

• Leadership • Communication • Teamwork • Drive and Initiative

LANGUAGES

• Tamil • English • Hindi

PROJECTS

PLANTRIS - A PLANT CARE WEB APP | PHP, SQL, AND PYTHON LIBRARIES - TENSORFLOW AND OPENCV | TEAM PROJECT

- Spearheaded a team of 5 to deliver the software product on time.
- Incorporated E-commerce features, resulting in a 10% increase in sales.
- Created diagnostic tools with 85% accuracy in disease diagnosis, aiding a community of 50+ enthusiasts.

CODEHUB - LOCAL CODE REPOSITORY MANAGEMENT TOOL | JAVA, JSP, SERVLETS, MYSQL. TOMCAT SERVER

- Implemented secure user login with encrypted passwords, enhancing security by 40%.
- Enabled branch management and conflict prevention, increasing productivity by 20%.
- Established file editing rights to prevent conflicts and preserve data integrity, improving collaboration efficiency by 15%.

INTERNSHIP EXPERIENCE

TI - CYCLES OF INDIA | WEB DEVELOPER INTERN

Jul 2022 - Aug 2022 | Ambattur, Tamil Nadu

- Analyzed client needs and implemented data-driven solutions, resulting in a 25% increase in client satisfaction scores and a 15% reduction in project turnaround time.

TUBE PRODUCTS OF INDIA | NETWORK ENGINEER INTERN

Feb 2022 - Mar 2022 | Avadi, Tamil Nadu

- Troubleshooted and secured remote access for over 10 devices, cutting downtime by 20% and saving 15 hours of manpower weekly.

ACTIVITIES AND ACHIEVEMENTS

- Recognized as the 2023 **Best Presenter** at the **IJETMS International Conference** for an impactful presentation on AI-driven solutions, captivating over 500 attendees.
- Won **first** place in the 2023 **RMKEC Coding Club Competition** by developing an innovative algorithm, outperforming 150+ competitors.
- Achieved **first** place in the 2022 **Coding and Debugging Symposium at SEC** by resolving complex coding errors.
- Secured **third** place at the 2022 **Code Hybrid Symposium at RMDEC** for exemplary coding skills and innovative solutions.
- Awarded **second** place in the 2021 **Business Plan Competition at RMKEC** for presenting a comprehensive and viable business model.

PUBLICATIONS

- **BOOK IN AMAZON |** ESSENTIAL SUMMARY: C PROGRAMMING LANGUAGE - [Link](#)
- **PAPER |** AI FOR HUMAN ASSISTANCE IN IJETMS JOURNAL - [Link](#)
- **PAPER |** EYE CONTROLLED MOUSE CURSOR IN IJETMS JOURNAL - [Link](#)