



Disha A

<https://disha-a.vercel.app/>

Information Science and Engineering student at
RV College of Engineering, Bengaluru

+91-9538970778

disha.a.docs@gmail.com

linkedin.com/in/disha2005

github.com/dishaabhijith

Experience

Development Intern <i>Melento (formerly SignDesk)</i>	Aug 2025 – Oct 2025 Bengaluru, India
<ul style="list-style-type: none">Contributed to enhancing the Contract Lifecycle Management (CLM) module, a core part of the client onboarding processDeveloped and integrated new workflow features in Angular to improve efficiency and usabilityBuilt and optimized backend APIs in Go (Golang) for faster and more reliable CRM-CLM data flowRefined MongoDB schema designs and queries to support scalable and configurable client data managementWorked closely with product and QA teams to ensure smooth deployment and production stability	
Alpha Tech Academy <i>Web Development Intern</i>	Apr 2023 On-Site
<ul style="list-style-type: none">Completed a month of intensive web development internship program, mastering 5+ modern web technologies including HTML5, CSS3, JavaScript, React, and Node.jsDeveloped a responsive web application with 95%+ cross-browser compatibility, serving 20+ users during testing phaseImplemented best practices in web security and accessibility, ensuring WCAG 2.1 AA compliance across all applications	

Education

RV College of Engineering , B.E. in Information Science and Engineering, CGPA: 8.62	2024–Present
PES University , Diploma of Education, Computer Science, CGPA: 9.1, Rank 2	2021–2024
Baldwin Co-Education Extension High School , 10th ICSE, 93.33%	2009–2021

Skills

Languages:	Java, Kotlin, Python, C, SQL, JavaScript
AI & ML:	Machine Learning, Artificial Intelligence, Data Science, Graph Neural Networks, Deep Learning
Design & modeling:	3D Modeling, Graphic Designing
Libraries:	React, TensorFlow, Framer motion, Pandas, Scikit, Keras
Coursework:	Application Development, Data Structures, Linux, Cloud Computing, Git, Software Engineering
Frameworks:	PyTorch, Flutter, Flask, OpenCV, Django

Projects

Graph Neural Networks for Network Traffic Analysis - *Deep Learning & Cybersecurity* — [Github](#)

- Developed a comprehensive GNN-based framework for real-time network traffic prediction achieving 94.2% accuracy
- Designed hybrid Temporal GCN-LSTM architecture integrating graph convolution with LSTM for spatial-temporal modeling
- Implemented K-Nearest Neighbor graph augmentation to capture latent similarities between network entities, improving performance by 2.4%
- Created scalable web-based application using Flask for real-time network monitoring with 3.5-6.5% false positive rates
- Outperformed traditional methods (ARIMA, SVM, Random Forest) and state-of-the-art approaches (Graph WaveNet) by 5.5%
- Technologies: PyTorch, PyTorch Geometric, LSTM, Graph Neural Networks, Network Security, Real-time Systems

Image Encryption and Decryption - *Computer Vision Security Project* — [Github](#)

- Implemented secure image encryption system using OpenCV and Fernet symmetric cryptography with 256-bit AES encryption
- Developed pixel-level transformation algorithms achieving 99.8% encryption effectiveness with minimal data loss
- Built GUI application using Tkinter for user-friendly encryption/decryption operations with real-time preview
- Optimized processing pipeline to handle images up to 4K resolution (3840x2160) with average processing time of 2.3 seconds
- Implemented secure key generation and management system with salt-based key derivation for enhanced security
- Technologies: Python, OpenCV, Cryptography, Tkinter, NumPy, PIL, AES Encryption

Licenses & Certifications

- Artificial Intelligence for Economics - NPTEL (Issued April 2025)
- Introduction to Graph Algorithms - NPTEL (Issued October 2025)
- CCNA: Introduction To Networks - Cisco Networking Academy (Issued June 2025)
- Data Science for Engineers - NPTEL (Issued April 2025)
- Fundamentals of Cryptography - Infosys Springboard (Issued Aug 2023)
- Fundamentals of Information Security - Infosys Springboard (Issued Aug 2023)
- Introduction to Cyber Security - Infosys Springboard (Issued Aug 2023)
- Core Java - Alpha Tech Academy (Issued Dec 2023)
- ITES - Seventh Sense Talent Solutions (Issued Jan 2023)
- C Programming - Coursera

Extracurricular Experience

Marketing Member at TedX RVCE	Dec 2024–Present
Senior Member at RV QuizCorp	Dec 2024–Present
Member at Kannada CARV	Nov 2024–Present