

# ARJUN SAJEEV N

Bachelor of Technology  
NSS College of Engineering, Palakkad

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## EDUCATION

- **Bachelor of Technology in Computer Science and Engineering** 2020-24  
*NSS College of Engineering, Palakkad* CGPA: 7.22
- **Higher Secondary Education** 2017-19  
*MI HSS, Ponnani* Percentage: 93%

## PERSONAL PROJECTS

- **Plant Disease Detection using Image Processing and ML**  
*An accurate plant disease identification system using leaf image analysis for farmers' crop ailment detection.*
  - Built a CNN-based system to detect plant diseases from leaf images.
  - Preprocessed and augmented plant image data for better model accuracy.
  - Used Python, TensorFlow, and OpenCV with a React.js and Bootstrap interface.
- **Enhancing Illicit Activity Detection Using Deep Learning in Bitcoin**  
*Preprocessed graph data, implemented models, trained, and evaluated node classification accuracy.*
  - Preprocessed graph data and node features for model input.
  - Implemented various model architectures like GCN, GAT, GIN, GraphSAGE, and GTN using PyTorch Geometric.
  - Trained models on labeled graph data and evaluated their node classification accuracy.
- **Grievance Management System**  
*Developed a comprehensive system to manage the submission, review, and resolution of user grievances.*
  - Built a user-friendly React.js frontend with role-based views for Users, Supervisors, and Assignees to streamline workflows.
  - Utilized Spring Boot and PostgreSQL to manage grievance data, enabling secure storage, retrieval, and CRUD operations.
  - Integrated React Router for smooth navigation and implemented custom reusable components, enhancing maintainability.
  - Designed custom-styled form inputs, including file upload functionality with icon support, to improve user experience.

## TECHNICAL SKILLS AND INTERESTS

**Languages:** C, Python, Java, Javascript, HTML, CSS

**Web Dev Tools:** npm, Postman, VScode, Github

**Frameworks:** ReactJs

**Databases:** PostgreSQL, MySQL

**Relevant Coursework(Degree in Computer Science):** Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering.

**Areas of Interest:** Front End( HTML, CSS, JavaScript), Java Script, Web Application, UI-UX Designing

**Soft Skills:** Problem Solving, Self-learning, Attention to Details, Adaptability

## POSITIONS OF RESPONSIBILITY

- **National Service Scheme** Volunteer and Official Panel Member 2021-23
  - \* Actively participated in community service initiatives, organizing and executing various outreach programs.
  - \* Contributed to local development projects, including environmental cleanups, educational workshops, and health awareness campaigns.
- **Head of Design** Dyuksha - College Tech Fest, Palakkad Apr 2023
  - \* Collaborated with a team of 5-6 members to create an aesthetically pleasing social media presence for the event.
  - \* Lead the design team, manage Social Media Platforms from start to finish.
  - \* For more details, visit the event's Instagram page: [Dyuksha Instagram](#).
- **Head of Design** Noopuram - College Cultural Fest, Palakkad Feb 2024
  - \* Stay current with design trends, ensure consistent quality, and effectively manage budgets and resources.
  - \* For more details, visit the event's Instagram page: [Noopuram Instagram](#).