

NANDAN P

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Education

APJ Abdul Kalam Technological University

Aug 2023 – May 2025

Master of Computer Application (GPA: 7.73 / 10.00)

Malappuram, Kerala

- **Relevant Coursework:** Data Structures and Algorithms, Operating Systems, Database Management Systems, Object-Oriented Programming (Java), Software Engineering, Computer Networks, Artificial Intelligence, Web Technologies, Machine Learning, Data Analytics

Luminar Technolab

Aug 2022 – Mar 2023

Python Django Full Stack Development (GRADE: A+)

Ernakulam, Kerala

- **Relevant Coursework:** Python Django Full Stack Development, HTML5, JavaScript, Bootstrap, CSS, MYSQL

University of Calicut

Jul 2019 – May 2022

Bachelor of Computer Application (GPA: 6.95 / 10.00)

Malappuram, Kerala

- **Achievements:** Served as CEO of the Innovation and Entrepreneurship Development Cell (IEDC) at college, leading a hands-on workshop on Arduino Uno. Founded and led a student tech community named **StackHub**, aimed at helping students grow their skills through peer learning, events, and mentoring. Active member of the **TinkerHub** community, contributing to tech meetups and workshops to promote tech education.

Experience

GNOWGEN Solutions Private Limited

Aug 2024 – May 2025

Software Developer

Kochi, Kerala

- Developed and maintained a scalable microservices architecture using React.js and Django REST Framework, resulting in improved API response times and reduced server load.
- Worked on a cloud-based application using Microsoft Azure services, including CosmosDB, Azure Service Bus, Azure DevOps (CI/CD, version control, Docker), Azure Maps, Blob Storage, IoT Hub, and Face Recognition API.
- Developed the frontend using React.js to send asynchronous requests to the backend APIs.
- Built and maintained backend services using Django REST Framework to process requests and return appropriate responses.
- Implemented secure user authentication and authorization using JWT and role-based access control mechanisms.

Projects

EcoBin | Tech Stack: Python, Django, Bootstrap, HTML, CSS, JavaScript

- Led the development of EcoBin, a microservices-based waste management platform focused on sustainability, enabling users to schedule waste collection services seamlessly.
- Designed and deployed using Django to handle booking, user management, and transaction workflows efficiently.
- Implemented a secure wallet system for digital payments within the platform, improving transaction convenience and enabling better financial tracking for users.

ShopYourHood | Tech Stack: Python, Django, Bootstrap, HTML, CSS, JavaScript

- Developed a web application for ShopYourHood to enable users to discover and purchase products from nearby offline stores, enhancing local business visibility and customer convenience.
- Implemented real-time product availability and booking features, improving user experience and supporting faster decision-making for consumers.

PlanMakers | Tech Stack: Python, Django, Bootstrap, HTML, CSS, JavaScript

- Contributed to the development of Plan Makers, a Python Django web application that generates building plans based on user requirements and facilitates fee collection.
- Integrated Razorpay payment gateway for secure and seamless online transactions, and used SQLite as the backend database for managing user and plan data.

Technical Skills

Languages: Python, Java, C, JavaScript, Shell, HTML, CSS

Frameworks & Libraries: Django, Django REST Framework, React.js

Cloud & DevOps: Microsoft Azure (IoT Hub, Azure Blob Storage, Azure Service Bus), Docker, Azure DevOps (CI/CD)

Authentication & Security: JWT, Role-Based Access Control

Version Control: Azure Repos, Git, GitHub, GitLab

Databases: Azure CosmosDB, MySQL, SQLite 3

Certifications

Cloud Computing

Issued by: IIT Kanpur – Date: 2023

Python Django Full Stack Development

Issued by: NACTET – Date: 2023

Goolge Cloud

Issued by: Google Developer Student Club – Date: 2021

Cyber Security

Issued by: Cyberdome, Kerala Police – Date: 2021

Languages

- English
- Malayalam
- Hindi