

Name of Teaching Staff	Mr. Siddharth Subhash Dhokchaule				
Institute Name	Amrutvahini College of Engineering, Sangamner.				
Designation	Assistant Professor				
Department	Computer Engineering				
Area of Specialization	Backend Developer				
Date of Joining the Institute	03/07/2026				
Qualifications with Class/Grade	UG (B.E.)	First 78%	PG (M.E.)	First (CGPA – 8.4)	
Total Experience in Years	Teaching	0.2	Industry	2	
Incrust Software	1. Backend Developer– Developed and maintained scalable backend services using Django and Django REST Framework. 2. Designed modular connector architecture for integrating third-party APIs using OAuth2 authentication. 3. Implemented asynchronous task processing and scheduling using Celery and Redis. 4. Optimized PostgreSQL queries using indexing and aggregation to improve API performance. 5. Implemented role-based access control (RBAC) and containerized services using Docker.				
Frameworks/Libraries	Spring Boot, Hibernate, Django, Django REST Framework				
Languages:	Python, Java, SQL, HTML				
Tools/Platforms:	Celery, Redis, Docker, Git, GitHub, VS Code, AWS (EC2, S3, IAM, VPC)				
Projects	1. AI-Based Pneumonia Detection Using Deep Learning–: Developed VGG16 and MobileNetV2 models for pneumonia detection from chest X-ray images, achieving 92% accuracy Implemented Grad-CAM visualization and automated image preprocessing using OpenCV and TensorFlow. 2. Posting Module (Django, DRF, Celery, Redis, PostgreSQL): Built backend workflows for draft, scheduling, and publishing operations in multi-user environments. Designed REST APIs with filtering, search, ordering, pagination, and OAuth2-based third-party integration. 3. Project Management System (Django, DRF, Celery, Redis, PostgreSQL): Developed a multi-tenant project management platform with Projects, Tasks, Kanban, Calendar, and Messaging modules.: Implemented RBAC, bulk updates, dashboards, email notifications, and database query optimization.				
Certificates	1. Machine Learning & Deep Learning 2. Java Backend Developmen				