

Nuthalapati Sai Bharath Kumar

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Portfolio: www.bharathnuthalapati.dev

SUMMARY

Full-Stack Python Developer with experience building **microservices-based web applications** using **Django, React, and REST APIs**, including integration of **AI-powered services** and secure authentication workflows. Skilled in **Python and JavaScript**, backend development, and responsive frontend engineering with focus on scalable, maintainable systems.

EDUCATION

Master of Computer Applications (MCA) – Pursuing (2024–2026)

Reva University, Bengaluru – CGPA: 7.76

Bachelor of Computer Applications (BCA) (2021–2024)

Krishna Chaitanya Institute of Science and Technology – Percentage: 84.47%

TECHNICAL SKILLS

Languages: Python, JavaScript

Frontend: React.js, HTML, CSS, Tailwind CSS, Bootstrap

Backend / Frameworks: Django, REST APIs, JWT, Microservices

Databases: MongoDB, MySQL

Tools: Git, GitHub, Postman

PROJECTS

Retail Inventory Management System

Django, React, MongoDB, Microservices

- Built a **full-stack microservices application** for managing products, orders, and real-time inventory tracking using **Django and React**.
- Developed secure **REST APIs** for inventory CRUD operations and order lifecycle workflows.
- Implemented **JWT-based authentication and role-based access control (RBAC)**.
- Created **responsive dashboards** using **React, HTML, CSS, and Bootstrap** for stock and sales monitoring.
- Integrated **MongoDB** for scalable product and transaction data storage.
- Tested APIs using **Postman**.

AI-Powered Code Vulnerability Scanner

Django, React, MongoDB, Python, AI API

- Developed a **full-stack AI-powered web platform** for automated code vulnerability analysis using **Django and React**.
- Built secure **file upload and scan-execution REST APIs** powered by Python-based AI services.
- Implemented **React dashboards** with severity indicators and detailed vulnerability reports.
- Stored scan results and remediation notes in **MongoDB**.
- Implemented **JWT authentication and background scan processing** for concurrent analysis workflows.
- Performed **API testing using Postman**.

LinkEase – URL Shortener Platform

Django, React, MySQL

- Built a **URL shortening platform with click analytics** using **Django and React**.
- Designed scalable **REST APIs** for link creation, redirection handling, and tracking metrics.
- Developed responsive user interfaces using **React, HTML, CSS, and JavaScript**.

CERTIFICATIONS

- Data Structures and Algorithms Certification from Infosys Spring Board ([LINK](#)) Database and SQL Certification from Infosys Spring Board ([LINK](#))