

Advaith Dinesan Pudussery

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Software Engineer with experience building enterprise applications, RESTful APIs, and distributed systems using TypeScript, JavaScript, Python, Go, Node.js, React, and MongoDB. Skilled in backend development, database optimization, system design, CI/CD automation, and Docker-based deployments. Experienced in developing secure applications, optimizing API performance, and integrating AI/LLM capabilities into production workflows.

TECHNICAL SKILLS:

Programming Languages

JavaScript (ES6+), TypeScript, Go, Java, Python, C

Backend & APIs

Node.js, Express.js, REST API Design

Cloud, DevOps, Testing & Tools

AWS (EC2, S3), Docker, NGINX, Git, GitHub Actions, CI/CD

Additional Technologies

AI/LLM Integration, System Architecture, Distributed Systems

Frontend

React.js, HTML5, CSS3

Databases

MongoDB, PostgreSQL

Testing & Tools

Postman, Jest, Supertest

WORK EXPERIENCE

Sunex Stones Pvt. Ltd. - Agentic Software Engineer

Aug 2026 – Present | Remote, India

- Developed and maintained five integrated enterprise applications covering ERP, CRM, inventory, procurement, task tracking and maintenance using Python, Node.js, React and MongoDB.
- Implemented REST APIs, SSO, role-based access control and staff administration to support secure enterprise workflows.
- Integrated Hugging Face translation models with lazy loading and on-demand inference to reduce unnecessary resource consumption.
- Automated notifications, operational workflows, infrastructure monitoring and database backups.

Re&Le TravelBuddy - Full Stack Web Developer

Nov 2025 – Jan 2026 | Bengaluru, India

- Built a location-based social platform enabling users to discover 500+ destinations, follow travelers, and engage through threaded discussions, backed by 50+ REST APIs.
- Automated CI/CD using GitHub Actions and Docker, reducing deployment time by ~85% and enabling push-to-deploy releases.
- Implemented user activity and page-visit tracking to analyze engagement and optimize performance.

Digital Nexus AI - Full-Stack Web Developer Intern

Jul 2025 – Nov 2025 | Bengaluru, India

- Developed scalable MERN stack applications by building reusable frontend components and RESTful backend services.
- Reduced API response latency by 30% through MongoDB query optimization, indexing, and backend architecture improvements.
- Collaborated with 5+ developers, designers, and QA engineers to deliver sprint milestones on schedule.
- Increased dev efficiency by 20% through streamlined workflows.

Maria Homes - Full Stack Web Developer

Jun 2025 – Jul 2025 | Bengaluru, India

- Built a full-stack real estate platform managing 100+ listings with secure authentication.
- Translated Figma designs into 10+ responsive React pages, ensuring a consistent cross-device user experience.
- Enhanced SEO and optimized performance, achieving faster load times and smoother usability.

PERSONAL PROJECTS

ProductSphere API Platform | Node.js, TypeScript, MongoDB, Redis



- Built a TypeScript REST API platform using Node.js, MongoDB and Redis, with JWT authentication, API keys and role-based authorization.
- Implemented Redis caching and tier-based rate limiting to improve response times and control API usage.
- Containerized services using Docker and NGINX and automated 50+ test cases with Jest and GitHub Actions.

S3Lite – Distributed Object Storage System | Go



- Built a Go-based object storage system supporting upload, download, delete, list and stat operations through CLI and REST APIs.
- Implemented chunk-based storage, SHA-256 integrity validation and JSON metadata for object tracking.
- Developed three-node replication, heartbeat monitoring and automatic failure recovery to improve availability and fault tolerance.

EDUCATION

Visvesvaraya Technological University (VTU)

2022 – 2026

Bachelor of Engineering in Computer Science

Karnataka, India

CGPA: **8.7**

Sharjah Indian School

2020-2022

Secondary & Higher Secondary Education (CBSE)

Sharjah, United Arab Emirates

Percentage: **82%**

ADDITIONAL

Certifications: Full Stack Web Development Bootcamp (Udemy), JavaScript Algorithms & Data Structures

IEEE Conference Publication (Team Lead): Research accepted at the International Conference on Mobile Networks and Wireless Communications (ICMNBC)

Second Prize – Project Expo: Secured 2nd place in departmental project exhibition