Dixit Nandaniya

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Professional Summary

Software Developer with 2+ years of experience building customer-facing, high-scale applications and backend services. Strong foundation in clean code, design patterns, test-driven development, and modern frontend + backend stacks. Experienced in collaborating closely with product, design, and engineering teams to deliver features quickly and with high quality. Passionate about writing maintainable code, mentoring junior developers, and improving user-focused experiences.

Skills

Programming: JavaScript/TypeScript, SQL, Python

Backend & Frontend: REST APIs, GraphQL, Django, FastAPI, Microservices, React, ReactNative, HTML/CSS, Component-driven UI

Databases: MongoDB, MySQL, PostgreSQL, AWS (DynamoDB, RDS, Aurora)

Architecture & Testing: Design Patterns, Clean Code, High-Scale Systems, Event-Driven Design, Unit Testing, Integration Testing, End-to-End Testing

Cloud & DevOps: AWS (EC2, S3, Lambda, CloudWatch, Auto Scaling), CI/CD, Docker, Git, GitHub Actions

Soft Skills: Problem-Solving, Mentorship, Ownership, Collaboration, Rapid Iteration, Product Thinking, Communication Skills

Experience

Software Developer   May 2022 – Apr 2023
Coretus Technologies

- Built and optimized customer-facing backend services used by thousands of users, improving execution time by 60% for mission-critical workflows.
- Designed clean, scalable architectures following OOP, design patterns, and modular code principles.
- Collaborated directly with product managers, designers, and engineers to scope features, estimate work, and deliver iteratively.
- Mentored interns on debugging, clean architecture, and best engineering practices.

Software Developer Intern   Jan 2022 – Apr 2022
Coretus Technologies

- Developed full-stack features for a multi-account trading application using Python, MySQL, and modular backend services.
- Wrote automated tests, integration tests, and validation layers, reducing bugs and improving long-term maintainability.
- Collaborated with engineering peers on design decisions, clean architecture, and refactoring for maintainability.
- Automated daily data-processing workflows via AWS, improving operational efficiency by 40%.

Software Developer   Jan 2021 – Dec 2021
Striker Apps

- Optimized serverless microservices on AWS (Lambda, API Gateway, and DynamoDB), delivering a 30% reduction in cost.
- Accelerated event-driven processing by 40% using SQS and EventBridge.
- Automated CI/CD pipelines via GitHub Actions, cutting deployment time by half.
- Performed integration and performance testing, ensuring 99.9% uptime.

Projects

ReSecure (Flutter, Firebase)

- Created a cross-platform mobile app turning old smartphones into home security cameras using Flutter and Firebase–powered real-time streaming and motion alerts—offering a low-cost security solution with zero additional hardware. Simplified setup for non-technical users, introducing multi-user access and instant notifications, boosting accessibility and user satisfaction.

ML K.I.D.A. – Automated Mite Detection (Django, YOLOv8, Deep Sort)

- Developed an ML-powered web tool leveraging Django and YOLOv8 that detects and tracks mites with 90% accuracy, reducing manual inspections by 50%. Enabled actionable alerts, giving farmers live updates for faster pest control—strengthening crop management and yield protection.

Education

Master of Applied Computer Science   May 2023 – Aug 2024
University of Windsor   Windsor, ON, Canada

Certifications

AWS CCP (Udemy), Agile Software Development: Clean Coding Practices (LinkedIn Learning), Data Science Bootcamp 2024 (Udemy), SQL Associate (DataCamp), Data Engineer (DataCamp), Understanding Prompt Engineering (DataCamp)