Jananya B S, Software Engineer

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LINKS

Linked in

PROFILE

Software Engineer with a solid engineering foundation and comprehensive experience in software development. Expert in designing and implementing automated solutions that streamline deployment processes and optimize system performance. Skilled in leveraging cloud platforms, containerization, CI/CD pipelines, and configuration management tools to deliver scalable, reliable applications. Adept at enhancing the software development life cycle through effective collaboration between development and operations teams.

EMPLOYMENT HISTORY

Present

Software engineer, Fidelity Information Services

As a DevOps Engineer, I specialize in automating and optimizing software development and deployment processes. My key responsibilities include:

1. **CI/CD Pipeline Management**:Building and maintaining continuous integration and continuous deployment (CI/CD) pipelines to ensure rapid and reliable releases.
   Streamlining the software development lifecycle.
2. **Cross-Functional Collaboration**:Facilitating effective communication and collaboration between development, testing, and operations teams to enhance workflow efficiency.
3. **Monitoring and Logging Solutions**:Implementing comprehensive monitoring and logging solutions to proactively identify and resolve issues.
   Ensuring systems' health and performance are consistently monitored.
4. **Security and Compliance**:Emphasizing security best practices and compliance in all aspects of infrastructure and code deployments.
   Maintaining high standards for security and regulatory adherence.
5. **Major Projects**:Successfully working on significant projects for leading organizations such as American Express (AMEX), Royal Bank of Canada (RBC), and CAX.

EDUCATION

Aug 2018 — Jan 2022

Bachelor of Engineering, Dayananda Sagar college of Engineering

Bengaluru

SKILLS

JavaScript	Skillful	Cloud Computing	Expert
User Interface	Expert	Data Structures	Expert
HyperText Markup Language (HTML)	Expert	Java (Programming Language)	Expert
JavaScript (Programming Language)	Expert	Ansible	Expert
DevOps	Expert	Project Management	Expert
Docker (Software)	Expert	Software Development	Expert
C (Programming Language)	Expert	Python	Skillful
Cascading Style Sheets (CSS)	Expert		

INTERNSHIPS

Feb 2022 — Jun 2022

Programmer analyst trainee, cognizant

Bengaluru

Worked with senior analysts to understand user requirements, system functionalities. Assisted in testing and debugging software applications to ensure they meet quality standards.

- Monitored system performance to identify and address potential issues before they impacted customers

COURSES

Jun 2024 — Aug 2024	Python Data Structures, University of Michigan
Jun 2024 — Aug 2024	Meta Back-End Developer Professional Certificate, Meta

CERTIFICATIONS

Jun 2024 — Jun 2025	Microsoft azure certification	Bengaluru
Jul 2024 — Jul 2026	Microsoft developer associate	Bangalore
Oct 2024	Data Analyst Professional Certificate , IBM	
Jan 2024	Back-End Developer Professional Certficate, Meta	

PROJECTS

Sanskrit Shloka Learning Mobile Application

Sanskrit Shloka Learning App: Project Overview

- **Objective:** Develop a mobile app to help students learn Sanskrit shlokas through audio and contextual information.
- **Collaboration:** Created under an MoU with **Sri Sri Ayurveda College**.
- **Key Features:** High-quality **audio recitation** for accurate pronunciation.
  Contextual meaning displayed for each shloka.
  User-friendly **interface** crafted with Google's Flutter toolkit.
- **Technology Stack:**
  Frontend:Flutter Framework: Single codebase for iOS, Android, and Web; compiled into ARM/Intel machine code for fast performance.
  Dart Language: Optimized for fast, scalable applications.

  Backend:Firebase: Real-time database, authentication, and analytics; ensures scalability and cross-platform support.
- **Expected Outcome:** Make Sanskrit learning engaging and accessible.
  Deliver a robust, cross-platform app with modern tools like Flutter and Firebase.

Restaurant Management System

Jan 2024 — Jun 2024

Restaurant Operations Platform

- **Objective:** Developed a **Restaurant Management System** to streamline menu management, table reservations, and billing.
- **Key Features & Development:Menu Management:** Easy menu creation, updates, and inventory linking.
  Table Reservations: Simplified booking system for efficient seating management.
  Billing Operations: Automated bill generation with accurate tax calculations.
- **Technical Implementation:** Built using **Django** for a scalable and maintainable back-end.
  Configured **MySQL database models** for consistent, efficient data handling and optimized queries.
  Secured **RESTful APIs** to enable smooth front-end/back-end integration with user authentication and role-based access control.
  Validated APIs and conducted unit testing with the **Insomnia REST client**, ensuring reliability.
- **Development Workflow:** Streamlined using **Git** for version control and **Agile methodologies** for efficient team collaboration and project management.
- **Outcome:** Delivered a robust, feature-rich platform to simplify restaurant operations and enhance efficiency.