

SHILPA V NAYAK

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OBJECTIVE

Software Engineer skilled in development and system administration, with experience in technologies including AI, cloud, and database systems. Focused on developing scalable solutions and growing as a well-rounded engineer.

EDUCATION

BE in Computer Science and Engineering - CGPA: 9.24/10 2021 - 2025
St. Joseph Engineering College Mangalore, Karnataka

12th Grade PCMB - Percentage: 95.66% 2020 - 2021
Alva's P. U. College Mangalore, Karnataka

SKILLS

Languages : Python, Java, JavaScript, C

Web & Frameworks : React.js, Node.js, Next.js, HTML, CSS

Databases : SQL, MySQL, MSSQL

Systems & Networking : Linux, Windows Server, Networking, Web Hosting, Ubuntu, Linux server

Tools & DevOps : Git, Docker, REST API, Jira, Agile Methodologies

EXPERIENCE

Junior Software Engineer Jul 2025 - present
Poornam Info Vision Private Limited *Kochi, Kerala*

- Managed server infrastructure, web hosting, and networking operations, proactively troubleshooting application and deployment issues to ensure high system reliability and performance.

Full Stack Development Intern Jan 2025 - May 2025
Ukshati Technologies Pvt Ltd *Mangalore, Karnataka*

- Gained experience in software development, API , database , Agile and containerized deployment.

PROJECTS

empowHER – A Woman's Companion and Safety App - Android Studio, Java, Firebase, Google Maps API, XML, Geofencing API, Speech Recognition API

- Developed a real-time safety application with SOS alerts and live location tracking. Integrated voice activation for hands-free emergency usage. Enabled user profile management and emergency contact handling.

Diet and Custom Food Recommendation System - Docker, Python, FastAPI, Streamlit, scikit-learn

- Developed a machine learning-based nutrition system to generate personalized calorie-based meal plans, deployed using Docker for scalable services.

Property Assessment Tool - Java, React.js, CSS, PostgreSQL, Leaflet

- Built a map-based application for property valuation and risk analysis. Integrated geospatial features using Leaflet for location-based search. Enabled data-driven decision-making for property investment.

CERTIFICATES

Software Engineering Job Simulation by JPMorgan Chase & Co. - Forage

TalentNext Courses on Java Full stack - Wipro TalentNext

Salesforce Developer Catalyst Program - NASSCOM Career Recharge Program

Artificial Intelligence Primer Certification - Infosys SpringBoard

Salesforce Developer Virtual Internship - SmartBridge & SmartInternz