DHYAN A

GRADUATE SOFTWARE ENGINEER

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SUMMARY

Graduate Software Engineer with 6 months of hands-on internship experience in building and deploying web-based applications in a professional environment. Experienced in software development, cloud deployment, and AI-enabled systems, with exposure to Generative AI, LLMs, agentic workflows, and machine learning tools. Strong foundation in writing clean, maintainable code, collaborating with cross-functional teams, and adapting quickly in fast-paced engineering environments.

TECHNICAL SKILLS

Programming Languages: C, C++, C#, Python, Java, JavaScript
Backend Technologies: Flask, Django, Node.js, PHP, RESTful APIs
Frontend Technologies: HTML5, CSS3, React.js
Databases: MySQL, PostgreSQL, MongoDB, Supabase
APIs & Authentication: REST APIs, WebSocket APIs, JWT Authentication
Software Concepts: OOP, Data Structures, Algorithms, SDLC
Cloud & Platforms: Amazon Web Services (AWS), Google Cloud Platform (GCP), Docker, Jenkins
Tools & Platforms: Git, GitHub, GitLab, Linux, VS Code, MS Office, ZOHO CRM, JIRA

PROFESSIONAL EXPERIENCE

Software Engineering Intern (Project Intern)   **July 2025 - Jan 2026**
Aikshetra Tech Solutions Pvt. Ltd. | 6 Months

- Developed and deployed an in-house full-stack web application supporting internal business operations.
- Implemented backend services and RESTful APIs using Python frameworks and integrated SQL/NoSQL databases.
- Built responsive frontend components with React, HTML5, and CSS3.
- Containerized services using Docker and supported cloud deployment on AWS/GCP.
- Collaborated within an agile team, following SDLC best practices and contributing to code quality and reliability.

Business Development Intern   **Sep 2023 - Nov 2023**
Intellipaat Software Solutions Pvt. Ltd. | 3 Months

- Supported lead generation and client engagement activities, contributing to pipeline growth and customer outreach initiatives.
- Assisted sales teams with market research, presentations, and pitching, improving communication and requirement understanding.
- Gained hands-on experience with CRM tools, sales coordination, and cross-team collaboration.

PROJECTS

AI-Powered Fire Detection for Public Safety Surveillance Systems

  Company Project | Aikshetra Tech Solutions Pvt. Ltd.

- Built a real-time AI fire and smoke detection system using computer vision and deep learning for public safety surveillance.
- Implemented YOLO/EfficientDet-based models to analyze live CCTV/IP camera feeds with low-latency detection.
- Designed a scalable backend to process multi-camera streams and trigger real-time alerts via APIs and WebSockets.
- Deployed the solution on cloud infrastructure, validating readiness for smart city environments.

ATOM AI Assistant

Developed a Python-based AI assistant with NLP, voice input, and task automation.

Resume Builder Web Application

Built a full-stack web app with live preview and PDF export for resume creation.

Milk Dairy Management System

Developed a database-driven system to manage dairy operations efficiently.

Catch A Copy – Online Xerox Platform

Created a web platform to digitize document printing workflows.

EDUCATION

Master of Computer Applications (MCA)   **Nov 2023 - Nov 2025**
Seshadripuram College, Tumakuru | 7.72 CGPA

Bachelor of Computer Applications (BCA)   **July 2020 - Sep 2023**
Seshadripuram College, Tumakuru | 6.8 CGPA

CERTIFICATIONS

Applied Generative AI Certification – Infosys Springboard
Introduction to Artificial Intelligence – Simplilearn
Machine Learning for Beginners – Simplilearn
Power BI for Beginners – Simplilearn
Ethical Hacking – Z-Security
SQL Certification – S-Spiders
Java Full Stack Development – ATAS
Google Cloud Skill Badges – Google Cloud

PROFESSIONAL ACTIVITIES & ACHIEVEMENTS

- **Guest Speaker:** Delivered technical talks on AI and emerging technologies at multiple colleges.
- **Workshops & Conferences:** Participated in **ICCC Tumakuru** (2-day hands-on workshop), **DHS 2025** (AI hands-on sessions), and the **Bengaluru Skill Summit**.
- **Startup Exposure:** Represented a startup as a Booth Participant at **Bengaluru Tech Summit (BTS) 2025**, engaging with founders and industry professionals.
- **Leadership & Volunteering:** Coordinated MCA & BCA academic and technical events; active volunteer with **Youth for Seva** and **#GIVEBACK Foundation**.
- **Large-Scale Event Operations:** Core team member for Bengaluru Midnight Marathon (2022–Present).